

ID	Name	Formula	Molecular Weight	RT [min]	m/z	mzCloud_Resul	mzVault_Resul	MassList_Resu	pos_OL_C1	pos_OL_C2	pos_OL_C3	pos_OL_C4	pos_OL_C5	pos_OL_C6	pos_OL_HW1
Com_4_pos	Oleamide	C18 H35 N O	281.27134	9.877	282.27872	Full match	Full match	No results	17714793714	59666935597	23756364678	22776489044	47169726878	42133285628	21582351015
Com_17_pos	Nicotinic acid	C6 H5 N O2	123.03209	1.9	124.03946	Full match	Full match	Full match	13734223557	4012297430	5470021801	5616623217	9718167890	15571602482	2122804256
Com_45_pos	Tiglic acid	C5 H8 O2	100.05244	1.419	101.05978	Full match	Full match	Full match	3106510040	4727445640	3813139866	3172650415	3861702973	3805046514	6558434835
Com_46_pos	Betaine	C5 H11 N O2	117.07893	1.43	118.08611	Full match	Full match	Full match	2205644502	2669699206	3470524396	3246013771	3711224494	3893194661	6737936224
Com_50_pos	Hexadecanamide	C16 H33 N O	255.25574	9.661	256.26334	Full match	Full match	No results	1869854074	7275174742	3211803911	3239902330	5488401823	4475685009	2452642618
Com_55_pos	L-(+)-Citric acid	C6 H13 N3 O7	175.09569	1.299	176.10301	Full match	Full match	Full match	1741616320	503599209.9	873170109.2	265947470.7	1198515765	1181209097	515743373.1
Com_58_pos	5-Aminovaleric acid	C5 H11 N O2	117.07895	1.497	118.08612	Full match	Full match	Full match	958242497.4	1754807249	1663533880	1296858246	1700134005	1699635196	2529096982
Com_79_pos	Indole-3-acetylserine	C11 H9 N O2	187.0632	5.172	188.0701	Full match	Full match	Full match	1146386521	2105299521	1891135185	1593750453	2330951995	2386943049	1173176363
Com_90_pos	Choline	C5 H13 N O	103.09979	1.25	104.10706	Full match	Full match	No results	554948704.9	4665002439	2176261713	1996464789	1664482444	823120585.8	2281038864
Com_102_pos	Monolein	C21 H40 O4	356.29213	9.927	357.29929	Full match	Full match	Full match	5925148.649	2449778804	3505087806	50814360.01	436492978.8	38976032.21	1226337714
Com_111_pos	Proline	C5 H9 N O2	115.06332	1.391	116.07065	Full match	Full match	Full match	1234765675	1510141097	1293608107	1220935726	1510948544	1839341486	1834040828
Com_117_pos	Creatinine	C4 H7 N3 O	113.05901	1.305	114.06628	Full match	Full match	Full match	103730466.5	705768551	48428701.11	411620006.2	56836838.77	107574608.2	3013778870
Com_151_pos	8-Hydroxyquinoline	C9 H7 N O	145.05234	5.503	146.05954	Full match	Full match	No results	205335990.4	1660796625	1692947775	3344531139	407794735.2	3373217431	2059222261
Com_153_pos	Acetanilide	C8 H9 N O	135.06837	2.29	136.07558	Full match	Full match	No results	270040945.1	969296821	854204458.4	449633483.2	1189273620	707247039	619790446.3
Com_165_pos	L-Valine	C5 H11 N O2	117.07893	1.665	118.08612	Full match	Full match	Full match	710919966.1	1447642083	842433321.8	725359896.8	708129026.5	789217522.3	1110102435
Com_236_pos	9-Oxo-10(E)-undecanoic acid	C18 H30 O3	294.21905	7.987	295.22629	Full match	Full match	Full match	241186884.3	1301926575	559289022.3	465001578.3	715457669.3	269936660.3	1256199415
Com_268_pos	Acetophenone	C8 H8 O	120.05751	2.534	121.06481	Full match	Full match	No results	166820210.3	537091217.6	236641512.2	204468379.6	220055712.7	189732760.3	120416184.6
Com_281_pos	Acetylcholine	C7 H15 N O2	145.11023	1.347	146.11754	Full match	Full match	No results	213122143.5	508897019.1	532784826.7	484022693.8	172932625.3	315065374.1	243924709.6
Com_293_pos	Cytosine	C4 H5 N3 O	111.04325	1.419	112.05042	Full match	Full match	Full match	188679296.8	392904451.8	402589599.6	405116143.2	512133131.5	312443987.4	905196488.3
Com_309_pos	Urocanic acid	C6 H6 N2 O2	138.0429	1.431	139.05003	Full match	Full match	Full match	299106000.2	183763814.2	389969640.9	301821013.2	473826671	239612583.9	207110417.4
Com_334_pos	2-Oxindole	C8 H7 N O	133.0526	5.647	134.06027	Full match	Full match	Full match	289124415.8	122103174.5	161389379.8	182453733.4	33826353.27	531138644.1	43870531.99
Com_450_pos	tert-Butylamine	C11 H22 N O	230.16292	5.056	231.1701	Full match	Full match	No results	141171620.9	319402374.1	251894170.6	62631648.97	194534772.9	93922350.33	68502374.97
Com_456_pos	DL-Lysine	C6 H14 N2 O2	146.10558	1.242	147.11282	Full match	Full match	Full match	199616840.9	67126226.15	57046727.45	50620983.87	85202624.1	84547167.17	548812984.1
Com_458_pos	Cuminaldehyde	C10 H12 O	148.08865	6.763	149.09607	Full match	Full match	No results	346355769.9	524602070.3	465966003.5	413641014.1	373255259.8	469614719.9	316530250.7
Com_460_pos	Genistein	C15 H10 O5	270.05215	5.955	271.05908	Full match	Full match	No results	16345027.1	62386274.05	128566434	101823380.9	111198313	55812568.99	38903158.93
Com_505_pos	Thiamine	C12 H16 N4 O	264.10451	1.298	265.11163	Full match	Full match	No results	381439004.6	72385716.06	127640650.3	198779793.2	278303873.3	291848597.7	340152244.9
Com_516_pos	Trigonelline	C7 H7 N O2	137.04765	1.396	138.05513	Full match	Full match	Full match	369484582.5	379772481.1	399139633.3	254757380.2	413569134.3	391973801.7	224090274.9
Com_535_pos	L-Threonine	C4 H6 O4	118.02664	2.629	119.0339	Full match	Full match	Full match	128847739.7	88641435.96	295542920.4	240989917.2	247543008.1	228550778.4	463067297.3
Com_545_pos	Indole	C8 H7 N	117.05773	6.053	118.06508	Full match	Full match	No results	59980465.76	106525630.9	236085877.6	260839414.4	234884965.7	214692028.8	215431277.9
Com_597_pos	Naringenin	C15 H12 O5	272.06806	5.835	273.07559	Full match	Full match	No results	3074682.805	6364391.874	10402968.6	23266187.79	6605813.025	2716436.076	12007226.72
Com_669_pos	Isohomovanillin	C9 H10 O4	182.0579	5.225	183.06517	Full match	Full match	Full match	6780914.159	35910785.88	41744009.58	53503003.05	17419253.97	10645209.9	362580159.1
Com_671_pos	7-Methylguanine	C6 H7 N5 O	165.0651	2.065	166.07242	Full match	Full match	Full match	93509254.93	59636185.03	75572912.8	51164066.43	74797814.38	72351246.58	94132272.65
Com_686_pos	Cytidine	C9 H13 N3 O5	243.08552	1.417	244.09267	Full match	Full match	Full match	139385761.7	189027658.6	181142903.9	193967823.6	229163667.2	179638033.5	346233571.1
Com_714_pos	2,4-Dimethylamine	C9 H10 O	134.07302	6.413	135.08041	Full match	Full match	No results	124115263.7	404007914.3	313890875.9	240640489.6	189162380.5	227488838.9	185883366.6

Com_747_pos	L-PyroglytanC5 H7 N 03	129.04264	2.157	130.04976	Full match	Full match	Full match	209910868.9	80949905.76	60424562.25	96674553.41	110413812.1	182752498.3	67530527.32
Com_810_pos	D-Alanyl-D-αC6 H12 N2 O	160.08474	1.364	161.0919	Full match	Full match	Full match	210183947.5	55618348.01	61367228.05	25741441.82	92399667.57	69282650.61	34626115.78
Com_861_pos	D-Raffinose C18 H32 O16	504.16815	1.374	505.17426	Full match	Full match	Full match	114438705	93633276.71	261832487.8	341517764	354972135.6	291212111.2	50626157.49
Com_897_pos	Carvone C10 H14 O	150.10438	5.557	151.11182	Full match	Full match	No results	176883344.4	148638705.8	179979487.9	407895285.7	249388633.4	314972333	259706914.2
Com_903_pos	Oleoyl etharC20 H39 N O	325.29751	9.788	326.30484	Full match	Full match	No results	178768979	166054439.4	108529653	126095051.8	333122728	165569382.1	158407226.3
Com_944_pos	N6-Acetyl-L-C8 H16 N2 O	188.11606	1.421	189.1234	Full match	Full match	Full match	187172827.7	95730254.59	96929367.93	104590892.5	166204253.2	176569763.1	71652217.11
Com_1087_pos	DL-CarnitineC7 H15 N O3	161.10519	1.299	162.11269	Full match	Full match	Full match	73821517.95	249004579.8	195499307.5	176810356.8	168965024.8	182523552.4	201082838.4
Com_1089_pos	N3, N4-DimethylC8 H18 N4 O	202.14301	1.357	203.15027	Full match	Full match	Full match	159789535.7	74314302.16	69305984.8	62083328.29	121532918.3	198625688.5	72486763.68
Com_1146_pos	N8-AcetylserineC9 H21 N3 O	187.16863	1.225	188.17589	Full match	Full match	No results	150601340.7	30481661.07	47583569.56	36422754.86	128355093.4	144390368.5	33099265.01
Com_1158_pos	L-GlutamylC10 H16 N2 O	276.0957	1.419	277.10309	Full match	Full match	Full match	149185759.8	95129667.83	88487072.01	51242987.8	104476162.9	138198071.5	45450924.59
Com_1280_pos	(R)-Equol C15 H14 O3	242.09398	5.913	243.10132	Full match	Full match	Full match	119078224.2	121781609.3	101887239.1	189708575.2	120412888.3	153174948.8	65743414.1
Com_1380_pos	Ecgonine methylC10 H17 N O	199.1209	4.961	200.12822	Full match	Full match	No results	126137920.6	39594118.94	44391021.43	70983981.57	85771342.67	129596790.3	30762432.86
Com_1412_pos	N-Acetyl-D-lysineC14 H25 N O	383.14289	1.406	384.1503	Full match	Full match	No results	97237447.77	98419322.82	157870622	43007457.24	93253741.03	74984464.58	56725643.9
Com_1542_pos	D-Serine C3 H7 N O3	105.04267	1.252	106.04998	Full match	Full match	Full match	22123332.49	76319238.3	49807755.19	39897604.4	43460897.42	29327571.6	143895608.1
Com_1664_pos	Spermidine C7 H19 N3	145.15809	1.219	146.16533	Full match	Full match	Full match	102396500.1	34672951.66	53457475.45	66232376.19	11281080.12	17411587.7	31378114.65
Com_1737_pos	IsoquinolineC9 H7 N	129.05769	5.883	130.06517	Full match	Full match	No results	97938585.11	40643484.99	36943475.46	51402874.2	60197724.67	104034069.5	13766292.65
Com_1925_pos	GlycylprolineC7 H12 N2 O	172.08483	1.437	173.09218	Full match	Full match	Full match	85168950.27	95870639.07	91695776.76	123192950.3	94969772.87	122887294.7	56892934.56
Com_1962_pos	Histamine C5 H9 N3	111.0797	1.156	112.08688	Full match	Full match	Full match	6166153.555	26815432.27	20443267.37	172184770.5	12815716.71	15439406.29	64147154.09
Com_1986_pos	Methyl indolC11 H11 N O	189.07872	5.881	190.08626	Full match	Full match	Full match	85578652.76	25219326.02	25172591.79	35564873.97	40288138.83	62473355.53	7557590.99
Com_2000_pos	Nootkatone C15 H22 O	218.1668	9.117	219.17427	Full match	Full match	No results	23374668.33	46862191.11	68243831.07	126336597.1	142306807.7	34434309.65	87371305.23
Com_2376_pos	L-(+)-ArginineC6 H14 N4 O	174.11181	1.403	175.11913	Full match	Full match	Full match	36311105.78	41156711.5	26206916.02	46140265.19	47894083.82	50813478.93	32438477.91
Com_2518_pos	4', 7-DihydroC15 H12 O4	256.07309	5.73	257.08063	Full match	Full match	No results	3300724.378	101714852.1	52249893.14	40152887.33	22024076.75	11739925.78	43135989.05
Com_2524_pos	DL-α-AminoC8 H17 N O2	159.12582	4.025	160.13318	Full match	Full match	Full match	65228050.92	36342529.36	37214710.44	92871014.12	61337837.22	65354650.79	37133025.48
Com_2688_pos	N-AcetylserineC12 H14 N2 O	218.10508	5.289	219.11238	Full match	Full match	Full match	26752793.99	24853220.29	66225960.71	89063082.68	99475317.82	76081496.31	23235347.18
Com_3101_pos	4-PhenylbutylC10 H12 O2	164.08374	9.774	165.091	Full match	Full match	Full match	37628809.66	56904087.36	33595644.68	78693265.17	53358641.93	34655082.73	43138800.41
Com_3166_pos	Coumarin C9 H6 O2	146.03635	5.824	147.04382	Full match	Full match	Full match	24962372.42	14859368.52	18880770.26	43583313.66	26235604.43	29514980.39	62108997.78
Com_3180_pos	D-SphingosineC18 H37 N O	299.28193	6.912	300.28894	Full match	Full match	Full match	14339917.96	44844926.01	14715121.18	8642456.862	15083713.45	12496995.08	19267737.71
Com_3307_pos	Acetyl-L-carnitineC9 H17 N O4	203.11574	1.705	204.12296	Full match	Full match	Full match	6471872.871	71008134.6	36776735.8	32588201.27	34120187.26	19860268.24	21884372.11
Com_3331_pos	Kynurenic acidC10 H7 N O3	189.04227	5.926	190.04991	Full match	Full match	Full match	45239722.42	19037343.4	39279399.48	50321106.36	30996997.93	19463460.52	2865708.265
Com_3332_pos	2-HydroxyphenylC9 H11 N O3	181.07354	5.57	182.08142	Full match	Full match	Full match	42579690.89	35025711.86	43014042.57	62911467.25	51915382.14	49579594.11	50508914.24
Com_3421_pos	2-Amino-1, 3, C18 H39 N O	317.29243	6.881	318.29874	Full match	Full match	No results	8994722.115	59775950.56	26647169.89	21603812.87	16230793.76	13254586.36	35030737.1
Com_3444_pos	(+)-ar-TurmeroneC15 H20 O	216.15108	5.534	217.15811	Full match	Full match	No results	39316119.5	22335079.69	17820770.82	70367362.32	51327555.2	61611497.97	50445433.49
Com_3478_pos	Kahweol C20 H26 O3	314.18791	5.868	315.19516	Full match	Full match	Full match	20443528.17	19756671.27	19024182.79	47276758.6	24431487.86	27496714.16	31677794.68
Com_4213_pos	Indole-3-acetylC10 H9 N O2	175.06308	5.722	176.07043	Full match	Full match	Full match	17466215.43	21552824.04	35497952.33	78888232.7	56571920.05	47791212.68	21305431.44
Com_4493_pos	Methyl cinnamicC10 H10 O2	162.06784	5.613	163.07484	Full match	Full match	No results	15843444.08	16200975.3	17014561.36	28922696.79	23340562.85	18297874.46	27719174.19

Com_4583_pos:Flavin mono C17 H21 N4 (	456.10417	5.397	457.11218	Full match	Full match	Full match	30497599.52	4612638.398	8166173.996	4494097.774	21816832.32	36992492.13	1501126.823
Com_4762_pos:5 $\alpha$ -Dihydro C19 H30 O2	290.2244	8.268	291.23181	Full match	Full match	Full match	13305457.99	45301993.91	28565593.62	19960141.37	40557854.56	23238609.47	24665273.04
Com_4785_pos:N6,N6,Tri C9 H20 N2 O2	188.15266	1.215	189.15988	Full match	Full match	No results	28897965.7	22870835.03	25324210.68	18766413.95	36188294.28	37583853.27	34975182.01
Com_4931_pos:trans-Cinnan C9 H8 O	132.05732	5.571	133.06488	Full match	Full match	No results	27844908.81	25856923.49	27239090.23	44616907.58	24933758.32	41185434.74	31354975.68
Com_5508_pos:Apigenin C15 H10 O5	270.05284	6.083	271.06012	Full match	Full match	No results	1195722.568	7378590.981	9655294.726	7643274.415	8356372.989	4517978.409	9881014.158
Com_5871_pos:Folinic acid C20 H23 N7 (	473.16594	5.005	474.17322	Full match	Full match	No results	1221684.783	1038270.089	2357005.369	646658.3584	793766.6228	758373.1473	791819.7963
Com_6198_pos:3-Hydroxylic C14 H22 N2 (	250.16782	5.023	251.17506	Full match	Full match	No results	20268607.42	9368607.528	10279145.23	16200875.58	4715704.185	19651425.94	8314074.8
Com_6367_pos:2-Amino-1,3-C18 H39 N O2	301.29773	7.071	302.30475	Full match	Full match	Full match	10873460.08	19803550.64	7695193.242	8426745.229	11968382.2	8247943.043	8979354.759
Com_6370_pos:4-Ethoxybenz C9 H10 O2	150.06795	9.207	151.07529	Full match	Full match	Full match	18439208.51	13075840.61	9574627.935	15337278.94	7127228.772	11044300.51	9717688.554
Com_16_pos: Hypoxanthine C5 H4 N4 O	136.03852	1.978	137.04575	Full match	Full match	Full match	14566270690	10420190620	9261827704	9290814157	13737230503	25996603746	2876884373
Com_21_pos: L-Phenylalar C9 H11 N O2	165.07896	4.898	166.08632	Full match	Full match	Full match	2716995757	7200643049	4197618618	2431850468	4367132476	2971919271	4181262513
Com_24_pos: L-Glutamic acid C5 H9 N O4	147.05313	1.292	148.06032	Full match	Full match	Full match	11042303488	2146468484	2415852016	1302968016	4081647877	6969548724	1876294609
Com_48_pos: Methionine C5 H11 N O2	149.05105	1.881	150.05846	Full match	Full match	Full match	2861106995	3981524013	2550040365	1446140011	821267996.5	2428533700	1491805388
Com_83_pos: DL-Tryptophan C11 H12 N2 (	204.08941	5.17	205.09668	Full match	Full match	Full match	1129103598	2072011141	1862963653	1565506701	2275236850	2349412436	1141272999
Com_93_pos: Creatine C4 H9 N3 O2	131.06947	1.358	132.07663	Full match	Full match	Full match	1266301839	4480723198	3475916117	3398937696	2938820179	2474812421	2446330094
Com_94_pos: L-Tyrosine C9 H11 N O3	181.07411	2.343	182.08139	Full match	Full match	Full match	966573969.2	1673011113	1823085261	465014849.6	1037463126	171502769.6	1120994272
Com_143_pos: Taurocholic C26 H45 N O7	515.29172	8.938	516.29901	Full match	Full match	Full match	869201.6118	1514063.717	9697352.008	2253913.254	20184079.33	1196273.739	1256112.175
Com_147_pos: Leucylprolin C11 H20 N2 (	228.14724	5.111	229.15445	Full match	Full match	Full match	618184999.7	884656975.3	682423504.9	554885797.8	803911444.5	550477636.7	484329484.9
Com_167_pos: N-Acetyl-D-gluc C8 H15 N O6	221.08985	1.389	222.09712	Full match	Full match	Full match	1596444008	880924982.2	1001991550	610459344.5	1302429046	924341224.2	581610986.6
Com_168_pos: 5-Hydroxyin C10 H9 N O3	191.05774	5.502	192.06487	Full match	Full match	Full match	1321272186	1550578382	1533984380	2803413840	2395971713	3007228400	1711814952
Com_175_pos: Pilocolic acid C6 H11 N O2	129.0789	1.217	130.08591	Full match	Full match	Full match	204103951.5	501555626.2	438790431.4	396984742.3	831019138.8	784205694.3	543395852
Com_224_pos: Pantothenic C9 H17 N O5	219.11056	5.069	220.11795	Full match	Full match	Full match	635853979.8	164676714.1	351987482.4	283140173.6	415029637.8	568526484.4	244891127.5
Com_232_pos: Adenine C5 H5 N5	135.05454	1.628	136.06168	Full match	Full match	Full match	212468679	90055753.35	433963236.1	816970501.1	181208286.7	969002912.1	982604777.3
Com_239_pos: DL-Arginine C6 H14 N4 O2	174.11179	1.243	175.11896	Full match	Full match	Full match	90965798.12	575028319.2	196273001	283874761.8	392360135.2	153147567.7	331254442.3
Com_266_pos: L-Threonine C4 H9 N O3	119.05829	1.282	120.06554	Full match	Full match	Full match	609081033.8	287363742	249113665.4	207378166.2	425106890.6	504324589.7	432608059.5
Com_286_pos: Guanine C5 H5 N5 O	151.04939	3.767	152.0567	Full match	Full match	Full match	716516769.9	450146504	341174517.7	203620318	1029011559	99847908.9	503367899.3
Com_287_pos: 4-Hydroxyber C7 H6 O2	122.0368	2.298	123.04393	Full match	Full match	Full match	198045811.2	594473776.8	310679336.7	58883155.8	424801925.1	87446529.12	194091842.1
Com_298_pos: N-Acetylneu C11 H19 N O2	309.10574	1.371	310.11288	Full match	Full match	Full match	475582883.2	1071562793	736364312.8	517399778.2	614587797.2	310468357.7	238377828.8
Com_374_pos: L-Histidine C6 H9 N3 O2	155.06964	1.276	156.077	Full match	Full match	Full match	58485126.28	62547700.96	275535707.2	60128786.59	62036296.91	54007121.19	193830495.3
Com_408_pos: Valylprolin C10 H18 N2 (	214.1317	4.816	215.13895	Full match	Full match	No results	156998454.3	280455373	249035387.1	186425567.1	353351508.8	225398867.7	129312880.7
Com_468_pos: D-(-)-Glutan C5 H10 N2 O2	146.0692	1.268	147.07643	Full match	Full match	Full match	144248396.6	367130422.1	224227328.8	148207156.3	271070832.9	157824022.1	468789236.2
Com_476_pos: Riboflavin C17 H20 N4 (	376.13772	5.352	377.14505	Full match	Full match	Full match	79875673.42	90765041.4	17240994.42	103895830.2	680166293.2	115658153.4	60832795.45
Com_579_pos: L-Aspartic acid C4 H7 N O4	133.03752	1.264	134.0448	Full match	Full match	Full match	51152150	103232188.3	59912186.94	61946264.55	63758483.96	97175134.33	117684419.9
Com_580_pos: 18- $\beta$ -Glycy C30 H46 O4	470.33912	7.04	471.34601	Full match	Full match	No results	21979209.26	51852532.16	50949995.55	163571384.6	24131185.27	23303475.63	305618751.8
Com_694_pos: Xanthine C5 H4 N4 O2	152.0334	4.709	153.04062	Full match	Full match	Full match	265320637.8	106232049.1	95432638.63	30614412.62	127051819.6	115596509	57053061.23

Com_717_pos	Docosahexaer	C22 H32 O2	328.23975	9.856	329.24667	Full match	Full match	No results	200322163.4	403261876.9	218931190.3	432114794.6	230095970	263503068.4	225521715.2
Com_787_pos	Daidzein	C15 H10 O4	254.05736	5.805	255.06471	Full match	Full match	No results	41084504.74	364298242.2	262368225.3	244298733	187103900.1	104875947.1	226150393.4
Com_792_pos	Glycy1-L-leu	C8 H16 N2 O5	188.11602	5.006	189.12355	Full match	Full match	Full match	33272605.19	211797706.3	91246200.64	40099335.72	67189066.56	36465629	96313643.88
Com_827_pos	Arachidonic	C20 H32 O2	304.24013	9.955	305.24716	Full match	Full match	Full match	111896739.2	236258232.1	87760478.83	172763906.2	118917186.9	173927547.2	72252182.68
Com_916_pos	16-Hydroxyh	C16 H32 O3	272.23612	7.984	295.22592	Full match	Full match	No results	70278700.92	208123290.6	128877315.6	116858503.8	142020449.9	85415205.21	252844827.4
Com_932_pos	N-Acetylhist	C7 H11 N3 O	153.0901	1.422	154.09746	Full match	Full match	Full match	15770486.1	22115345.15	25569129.04	119463320.4	27783811.98	31691186.85	98847573.07
Com_966_pos	Asparagine	C4 H8 N2 O3	132.05354	1.259	133.06078	Full match	Full match	Full match	4670844.849	27283755.65	5993925.997	4926075.254	6956324.418	6286001.013	27832655.06
Com_1224_pos	6-Hydroxymel	C13 H16 N2 C	248.11555	5.432	249.12274	Full match	Full match	Full match	12989944.45	8632785.823	11693204.5	26943100.46	14573891.93	18310170.8	16529418.09
Com_1424_pos	4-Pyridoxic	C8 H9 N O4	183.05315	2.436	184.06039	Full match	Full match	Full match	121359727.2	57735189.25	134734177	215380374.2	124717210.6	137473706.8	116812220.3
Com_1455_pos	Sinapinic ac	C11 H12 O5	224.0679	5.527	225.07483	Full match	Full match	No results	37484182.15	98474973.3	94054970.88	65645882.69	44756946.65	46876774.08	90985457.26
Com_1640_pos	Xanthurenic	C10 H7 N O4	205.03734	5.313	206.04478	Full match	Full match	Full match	18467468.13	72716567.94	25132636.67	225522466.7	44098678.33	59100941.81	134581163.1
Com_1670_pos	DL-5-Methoxy	C12 H14 N2 C	234.10015	5.124	235.10765	Full match	Full match	No results	14243120.92	14040640.97	14616984.88	25405987.8	17188935.84	14868920.47	13677600.4
Com_1796_pos	L-Alanyl-L-γ	C8 H14 N2 O5	186.10038	1.431	187.10753	Full match	Full match	No results	88417312.64	78864061.26	111469100.5	91231377.97	123460018.2	75123017.92	69435053.95
Com_1808_pos	Pyridoxine	C8 H11 N O3	169.07385	2.051	170.08115	Full match	Full match	Full match	62833301.81	62475844.95	78495899.11	174141465.7	157998576.9	155377638.1	66673039.8
Com_2102_pos	α-Aspartylγ	C13 H16 N2 C	280.10586	5.228	281.11328	Full match	Full match	Full match	43778464.54	40452349.98	48966842.27	72258706.81	57984214.73	55543580.29	30002953.84
Com_2701_pos	L-Saccharopi	C11 H20 N2 C	276.13207	1.439	277.13943	Full match	Full match	Full match	56827438.42	34937738.88	53504316.77	48609377.93	64878940.17	46502522.51	56674099.82
Com_2846_pos	Melatonin	C13 H16 N2 C	232.12072	5.616	233.12827	Full match	Full match	Full match	16278271.6	9868081.787	11452981.32	29641700.84	11634010.01	7632052.325	16380357.12
Com_3038_pos	l-Methylader	C11 H15 N5 C	281.11238	4.956	282.11948	Full match	Full match	Full match	50840171	16499644.59	23073919.73	25013638.34	45988504.36	3542085.421	24695788.03
Com_3693_pos	D-Pantethin	C22 H42 N4 C	554.24427	5.487	555.25183	Full match	Full match	Full match	3916251.778	2255661.521	3213800.879	14654481.27	2455818.073	3004461.52	7106513.75
Com_3706_pos	Thymidine	C10 H14 N2 C	242.0902	4.883	243.09749	Full match	Full match	Full match	19695028.4	13503061.42	18242134.69	24957881.83	24744254.13	21997848.17	36856046.92
Com_3924_pos	Alanyltyrosi	C12 H16 N2 C	252.11084	4.005	253.11807	Full match	Full match	No results	10264736.69	9106952.478	5865865.982	3050425.21	3756518.075	6770467.202	2050441.404
Com_4407_pos	Uric acid	C5 H4 N4 O3	168.02831	1.83	169.0354	Full match	Full match	Full match	6069925.598	35107004.38	22826440.69	25221417.76	13409494.03	7544301.824	30652042.19
Com_6389_pos	Biotin	C10 H16 N2 C	244.08799	5.386	245.09483	Full match	Full match	Full match	17744637.26	9218048.671	12604137.07	24531975.19	20804960.89	25488523.7	4840773.357
Com_22_pos	Epinephrine	C9 H13 N O3	183.08943	5.044	184.09642	Full match	No results	Full match	2728085929	7180305510	4208580920	2457853105	4385537017	2984996911	4176149723
Com_29_pos	octadec-9-yr	C18 H32 O2	262.22947	9.362	263.23682	Invalid mass	No results	No results	3786308185	14609079393	7732034762	6673832005	11650271807	10724108295	4112423460
Com_33_pos	L-Norleucine	C6 H13 N O2	131.09455	3.035	132.10176	Full match	Not the top h	Full match	2947679479	7083430127	3589012521	2214833084	3581550224	3119638965	3952845351
Com_39_pos	jwh-018-d11	C24 H12 [2]H	352.23987	6.733	353.24695	Invalid mass	No results	No results	1074765092	914335358.3	1648654718	477567266.8	410741323.4	258895311.1	475121047.2
Com_51_pos	2-Hydroxycir	C9 H8 O3	164.0474	2.288	165.05501	Full match	Not the top h	Full match	1244304723	3399748933	2363181529	699459192.9	1426709955	1941518627	1468885787
Com_105_pos	Inositol	C6 H12 O6	180.06335	1.268	181.07123	No results	No results	Full match	2192272639	3092238155	3176596434	3528334877	3981602147	2476086960	951862548.7
Com_112_pos	(+/-)12(13)-	C18 H34 O4	296.23474	8.386	297.24191	Invalid mass	Invalid mass	No match	468531575.8	2611256075	1190734349	1349260177	1758115655	595596781.5	3159793658
Com_142_pos	5-[(10Z)-14-	C26 H36 O4	412.25862	7.248	413.26569	Invalid mass	No results	No results	1250691331	807017741.7	783287088.5	324018456.1	677652496.3	694049151	1408230576
Com_162_pos	Linolelaidi	C18 H32 O2	280.24008	9.433	281.24774	No results	No results	Full match	98572814.59	1006992800	2162678925	1130345536	2106708681	1739135954	394477804.8
Com_164_pos	KPK	C17 H33 N5 C	371.25381	6.7	372.26105	Full match	No results	No results	371913503.1	289978578.2	522936160.9	180752382.8	160642315.6	105626975.2	211130578.3
Com_166_pos	Homo-Gamma-1	C20 H34 O2	306.25524	7.238	307.26251	No results	No results	Full match	2613700.844	288283690.6	353241300.1	287721694.9	342798493.2	242971380.5	992191815.6
Com_209_pos	ethyl 4-amir	C7 H10 N2 O5	218.01921	1.271	219.0264	Full match	No results	No results	1120116053	436628363.1	639919691.3	550943930.4	1011592372	860422984.2	267946157.3

Com_250_pos	Methylimidaz	C6 H8 N2 O2	140.05849	1.412	141.06586	Full match	No results	Full match	367553994.8	494639628.2	264663416.6	372353962.2	269817721.5	358302114.5	820942925.8
Com_295_pos	FMH	C20 H27 N5 O	433.18128	4.666	434.18851	Invalid mass	No results	No results	692556741.7	98305325.95	97496667.03	98614343.32	230942505	362902915.1	154047138.8
Com_322_pos	5,6-dimetho	C18 H16 O5	136.0532	5.608	295.09546	Invalid mass	No results	No results	627591288.4	601179336.7	667384070.6	888488878	779842300.3	825364627.5	465775336.3
Com_371_pos	N-[1-(4-metl	C13 H19 N O	270.15777	5.052	271.16476	Invalid mass	No results	No results	528443425.5	241898470.7	286077623.4	435085426.6	151144339.4	505640499.2	6952604.392
Com_393_pos	3-Methoxy pi	C21 H38 O6	368.25271	6.665	369.25995	Invalid mass	Invalid mass	No results	140034215.6	110668194.7	193437862.8	169795508.7	43627029.83	45798846.88	120665953
Com_402_pos	Diaminopime	C7 H14 N2 O	190.09527	1.389	191.10274	No results	Full match	No results	207101964.9	294580818.5	76420264.73	304396083.2	385459065.7	222467628.5	556822321.2
Com_425_pos	RNK	C16 H32 N8 O	104.0625	6.755	105.06982	Invalid mass	Invalid mass	No match	298025988.3	88853196.76	237650567.5	283539549	269245991.4	348302327.2	290732474.4
Com_441_pos	Styrene	C8 H8	104.06254	8.113	105.06982	No results	No results	Full match	192139941.8	140185630.9	199420482.1	158389406.1	155113494.6	168034494.2	311275557.8
Com_464_pos	Norbutorphar	C16 H21 N O	259.15313	5.03	260.16	No results	Invalid mass	No results	187789490.2	324148087.2	218605869.3	106455151.3	231293253.4	146829297.8	67098536.8
Com_483_pos	2-Hydroxy-3-	C5 H10 O3	118.0631	1.418	119.07022	No results	No results	Full match	176065494.6	269390843.9	254720167.9	196967172.5	221503786.9	275170024.7	394347966.5
Com_523_pos	Isoferulic	C10 H10 O4	212.06833	5.556	213.07565	Invalid mass	Invalid mass	No results	135793920.1	443082490.5	395322687.2	268542972.1	614499670.3	146848796.1	202328082.3
Com_551_pos	Glycitein	C16 H12 O5	284.06688	5.819	285.07416	Invalid mass	Invalid mass	No results	6948510.834	226032404	183450932.8	392455135.5	74525677.46	34569479.98	244732005.3
Com_563_pos	Apocynin	C9 H10 O3	166.06272	5.545	167.07011	Full match	Partial match	Full match	44239640.63	109398863.6	107505955.3	178015663.3	134315666.6	76863783.22	442732109.6
Com_568_pos	Anacardic ac	C22 H36 O3	360.27704	6.127	361.28455	Invalid mass	No results	No results	339790886.6	144796318.8	160851774.8	254939469.5	281726816.4	254875238.5	226100436.5
Com_615_pos	Valerophenor	C11 H14 O	162.1041	5.549	163.11172	Full match	No results	No results	303880962.4	220397222	159051043.4	463795235.8	246914024.5	371256735.8	213058233.2
Com_662_pos	3-Hydroxypic	C6 H5 N O3	139.02686	3.622	140.03413	Full match	Not the top h	Full match	286095436.4	11485626.23	16731979.14	17742590.74	74707261.83	119057041.3	7560968.079
Com_680_pos	Azetidine-2-	C4 H7 N O2	101.04775	1.293	102.05488	No results	No results	Full match	240984764.5	70616356.11	70910037.09	57166079.48	124746549.5	205101097.8	87367960.06
Com_702_pos	p-Mentha-1,	C10 H14	134.10936	8.113	135.11664	No results	No results	Full match	122888654.4	89685392.85	108700527.8	90846652.21	87177811.48	92094789.24	181629343.7
Com_708_pos	3-Methylcroi	C7 H11 N O3	157.07387	1.415	158.08133	Full match	No results	No results	261710837.2	71663333.95	91335762.73	126232429.1	165292318.6	172510622.3	91840235.13
Com_732_pos	4-Pregnen-17	C21 H32 O3	332.2349	6.599	333.2424	No results	No results	Full match	57522660.64	49253048.87	139107432.4	21937000.84	17269049.92	7967629.171	20363538.41
Com_733_pos	3-Methoxyber	C8 H8 O2	136.05216	5.739	137.05937	Full match	Not the top h	Full match	15319721.05	24462894.08	24820689.81	44169541.4	28172783.41	22627519.81	125584641.3
Com_775_pos	3-amino-2-pl	C12 H10 N4 O	242.07992	5.824	243.08713	Full match	No results	No results	49152358.58	131192759.3	20777375.27	523331452.4	401192279.3	221471459.5	20408284.76
Com_782_pos	16,16-Dimetl	C22 H36 O4	386.24533	6.85	387.25281	Invalid mass	No results	No results	37635630.56	17947425.61	90566077.52	67214932.72	18267818.26	13995585.82	50377029.89
Com_783_pos	DL-Stachydri	C7 H13 N O2	143.09472	1.419	144.10207	Full match	No results	No results	15814255.29	74147968.62	100818644.9	69415115.68	68045974	50743380.24	304236647.7
Com_793_pos	3-methyl-5-	C13 H17 N O	257.10279	1.291	258.11002	Invalid mass	No match	No match	231219942.4	84195936.16	160585536.7	259311587.8	161510598.7	88006979.57	125076682.4
Com_797_pos	Sedanolid	C12 H18 O2	176.11991	8.115	177.1272	Invalid mass	Invalid mass	No results	97430343.51	60658955.75	89934643.97	73268917.52	60535987.46	69106895.66	143069410.2
Com_834_pos	Anandamide	C22 H37 N O	347.28199	6.083	348.28964	Full match	Partial match	No results	215836564.9	82842450.7	106984625.2	165380924.2	169655227.5	166824936.1	170765192
Com_853_pos	Pregnanetric	C21 H36 O3	358.25007	6.845	359.25775	No results	Invalid mass	No results	177650166.7	170103598.1	274832461.8	61094259.63	68453073.46	70442246.9	13562347.74
Com_883_pos	PC (7:0/8:0)	C23 H46 N O	495.29576	6.144	496.30325	No results	Full match	No results	200194208.7	152735505.1	187231241.4	287470202.9	202246576.7	179100510.2	265349580.5
Com_885_pos	R-1 Methanar	C23 H40 N O	441.26214	5.232	442.26926	Invalid mass	No results	No results	6688432.924	245774313.6	113368026.4	134373730.9	21017800.05	26573402.57	264201911.7
Com_894_pos	Cholecalcif	C27 H44 O	384.33469	6.275	385.34192	Invalid mass	Invalid mass	No results	201594085.8	53578474.1	74935391.55	94145612.19	165563996.1	189866628.8	68709528.14
Com_921_pos	15-Deoxy-Δ	C20 H30 O3	300.20852	8.113	301.21545	Invalid mass	No match	No match	87684654.26	58452161.96	75904430.13	58396905.84	51170963.12	51542278.18	134794872.3
Com_949_pos	4-[(morphol	C9 H18 N2 O	331.08812	1.367	332.0954	Invalid mass	Invalid mass	No results	61684495.51	290372531.9	129978568.4	109193812.4	75795997.75	50348474.67	14252677.2
Com_956_pos	4-oxododecar	C12 H20 O5	133.05593	5.564	267.11914	Invalid mass	Invalid mass	No results	185201105	232709951.5	109138343.3	362337992.4	207311658	246137355.8	148872351
Com_960_pos	(11E, 15Z)-9,	C18 H32 O5	310.21401	6.238	311.22128	Invalid mass	No results	No match	184246277.1	63269235.46	58223683.45	126498846.1	67292227.14	104505604.4	144240138.3

Com_981_pos	2'-Deoxyadenosine	C10 H13 N5 O	273.08464	1.374	274.091	Invalid mass	No results	No results	128455101.5	225263664	229514767.5	171530020.4	222651686	125447491.6	97862485.77
Com_987_pos	UR-144	N-(2-C21 H29 N O)	327.21535	5.287	328.22253	Invalid mass	No results	No results	146985956	116411783.3	89604621.53	65032938.81	175932199.8	63209662.17	78742416.09
Com_1001_pos	IRH	C18 H32 N8 O	446.24261	7.314	447.25018	Invalid mass	No results	No results	65100446.93	71132100.29	102305950.2	51212453	17491461.14	52443902.22	70542430.83
Com_1007_pos	Simvastatin	C25 H38 O5	418.27141	6.701	419.27872	No results	Full match	No results	127469380.3	64815163.58	96313969.45	72335496.94	83124732.29	113545305.8	87221892.03
Com_1013_pos	1,7-Diphenyl	C19 H20 O	264.14707	5.642	265.15436	No results	Invalid mass	No match	3585626.307	5689491.054	4016001.079	4860330.229	3515267.873	2916732.727	222150776.2
Com_1052_pos	9-Oxo-ODE	C18 H30 O3	294.21889	6.8	295.22644	Full match	Partial match	Full match	165441979.3	71471225.7	98953799.21	92181663.36	142863773.5	110299059.2	126273136.1
Com_1094_pos	AKB48	N-(4-C23 H31 N3 O)	364.21118	5.247	365.21811	Invalid mass	No results	No results	20093797.02	49182092.52	42518744.47	7916624.691	41506721.64	15572867.29	10192304.67
Com_1115_pos	6-Methylquin	C10 H9 N	143.07339	5.17	144.08044	Full match	Partial match	No results	107415777.3	105327304.1	98017205.61	102003437.1	121408307.1	188093719.7	79317110.34
Com_1157_pos	Isorhapontin	C15 H14 O4	258.08913	6.084	259.09668	Full match	No results	No results	72430588.82	170822343	66266434.43	98167593.48	90942992.97	79414043.64	193222785.2
Com_1195_pos	N1-(2,3-dihydro)	C14 H19 N O	249.13649	5.027	250.14403	Full match	No results	No results	10367757.61	15756470.63	12755214.24	17683739.77	12301081.95	12136367.66	94407100.86
Com_1198_pos	3-hydroxy-3-C6	H10 O5	184.0349	1.182	185.04236	Invalid mass	No results	No results	62582761.61	207868477.3	178997745.9	223919156.3	147108474.5	161437376.4	49736209.63
Com_1225_pos	VLK	C17 H34 N4 O	358.2578	5.052	359.26517	Full match	No results	No results	27365232.47	107424858.3	73409304.5	15043595.07	48130617.38	22983382.86	21990323.21
Com_1274_pos	P-Aminohippic	C9 H10 N2 O	194.06925	1.422	195.07654	No results	No results	Full match	135421276.4	17693923.01	22427356.86	38286252.51	27107718.42	199656115.2	34168711.96
Com_1283_pos	Tropine	C8 H15 N O	141.11543	4.97	142.12268	Full match	No results	No results	9033685.531	6771993.439	7086912.353	4138911.588	12301726.57	11148751.6	7502546.423
Com_1300_pos	1,4-dihydro	C19 H36 O4	350.24552	7.816	351.2529	Invalid mass	No match	No match	132857837.5	44919666.4	29531312.31	24035282.26	63841554.73	52525245.54	54200230.62
Com_1310_pos	LLK	C18 H36 N4 O	372.27336	5.215	373.28036	Full match	No results	No results	39551104.72	110035854.9	69680882.91	20878918.37	47003720.93	48699178.32	17330710.75
Com_1325_pos	Coenzyme Q2	C19 H26 O4	318.18274	6.693	319.19016	No results	Full match	No results	115269085.6	109488937.9	97213083.39	138844699.9	19193733.48	99993320.11	106580066.9
Com_1366_pos	Ornithine	C5 H12 N2 O	132.08991	1.126	133.09727	Full match	No results	Full match	127878227.6	35646438.57	50398905.74	25958069.27	51610513.75	75679334.65	27354505.29
Com_1368_pos	ERH	C17 H28 N8 O	440.21791	8.14	441.22519	Invalid mass	No results	No results	57041223.84	40471269.2	51402592.43	109697255.3	57856758.12	53776004.02	56477536.34
Com_1384_pos	L-Dopa	C9 H11 N O4	197.06884	4.9	198.07619	Full match	No results	Full match	110111080.7	74121545.19	81972026.99	120104940.8	105287951.1	122103904.2	138197617.6
Com_1393_pos	4-(methylthio)	C17 H12 N4 O	322.08707	1.327	305.08365	Invalid mass	No results	No results	10101910.31	194260104.1	95429134.07	175000149.9	73377444.87	25336027.47	142364830.6
Com_1397_pos	2-Arachidonic	C23 H40 O3	369.25522	6.69	370.2637	Invalid mass	No results	No results	23632925.63	60697632.06	103517365.8	10725479.97	78018068.14	77262450.54	60689021.11
Com_1440_pos	Phenylglyoxy	C8 H6 O3	150.03152	1.408	168.06538	No results	No results	Full match	120569956.4	97645337.58	24254173.12	124068298.9	152254968.5	37681834.62	125730410.3
Com_1445_pos	Pyridoxamine	C8 H12 N2 O	168.08752	1.2	169.09502	Invalid mass	Invalid mass	No results	29750232.7	46755478.15	38194029.57	45646785.04	55012643.31	34538663.44	25486591.99
Com_1466_pos	2-(2-amino-)	C14 H20 N2 O	264.14707	5.202	265.15469	Full match	Partial match	Full match	24011427.25	77342178.12	66625809.72	37204496.75	43758241.68	46894534.52	19137712.75
Com_1473_pos	ELK	C17 H32 N4 O	388.23161	5.224	389.23944	Full match	No results	No results	33778728.3	46913632.4	62764714.41	35769657.05	31452879.2	19593923.25	40649272.77
Com_1495_pos	Mycophenolic	C17 H20 O6	149.06985	1.372	321.12872	Invalid mass	Invalid mass	No results	25744456.71	27440093.39	26990962.77	19544238.63	28510755.52	47633433.53	150247853
Com_1501_pos	(+/-)-CP	47, C21 H34 O3	334.25049	8.874	335.25778	No results	Full match	No results	1215823.894	172736874.9	148371565.8	10845576.05	37366872.65	3689741.747	82371775.1
Com_1510_pos	2-(3,5-dimethyl)	C13 H14 N2 O	246.10016	5.283	247.10782	Full match	No results	Full match	98112711.35	65966814.44	17447961.97	174930926.4	117814177	102121784.5	97199641.41
Com_1544_pos	WKK	C23 H36 N6 O	230.13783	4.838	231.14525	Invalid mass	No results	No results	111188545.1	31285590.31	43474082.31	64239547.88	63839826.95	110258321.6	28730034.43
Com_1546_pos	DL-Leucine	C6 H14 N2 O	130.11051	1.419	131.11784	Full match	No results	No results	9368567.517	15201075.72	33246761.48	25822705.25	34608203.62	23081815.11	143732322.7
Com_1550_pos	DLK	C16 H30 N4 O	374.21549	5.134	375.22128	Full match	No results	No results	37766997.89	39479617.95	40407728	18554029.95	46293121.29	33396901.63	17613469.33
Com_1572_pos	Dihydrokawai	C14 H16 O3	232.10592	1.431	233.1134	Invalid mass	No results	No results	108599578.3	57450770.99	73014964.46	54104753.85	112010058.7	80727914.94	64694425.48
Com_1588_pos	3-(4-hydroxy)	C10 H12 O4	178.06274	5.587	179.07011	Invalid mass	No match	No match	16355992.8	25964667.18	28034770.27	39469848.38	35818791.3	23642637.82	56930529.34
Com_1591_pos	VLH	C17 H29 N5 O	367.22201	5.051	368.22858	Full match	No results	No results	9016505.756	20419602.21	13509525.99	5521579.486	15198979.69	7933567.808	6097355.3

Com_1612_po: 5-(6-hydroxy)C13 H22 O3	208.14607	6.739	209.15355	Invalid mass	No results	No results	101920658.1	22331635.81	46066828.32	47616242.9	43945571.66	63323818.06	41887156.46
Com_1653_po: L-Hydroxyprc C5 H9 N O3	131.0583	1.286	132.06551	No results	No results	Full match	103067221.5	18550839.1	6666159.349	22893616.07	92881589.36	111478235.3	54449615.69
Com_1681_po: (±)-Abscisic C15 H20 O4	286.12013	5.927	287.12775	Invalid mass	Invalid mass	No results	101012823	62627121.05	73204998.03	83070784.23	73887352.95	85076318.99	2715910.835
Com_1691_po: Bicine C6 H13 N O4	163.08456	1.307	164.09167	No results	Full match	No results	100475755.7	26066401.04	58101227.45	49296147.38	102184896.3	83171554.17	66066084.91
Com_1702_po: ethyl 5-met C19 H19 N O	309.13954	5.256	310.14624	Invalid mass	No results	No results	93155846.6	42719953.88	51532296.14	81971182.91	79480035.09	94605975.62	54932293.83
Com_1714_po: THC C21 H30 O2	314.22401	6.771	315.23145	Full match	Partial match	Full match	62778420.77	39930768.62	66359295.12	39459865.45	44979217.02	30185295.89	59035186.43
Com_1715_po: N-(cycloprop C11 H14 N2 O	228.06323	1.415	229.07053	Invalid mass	No results	No results	24915694.69	80058920.29	53410461.68	87341544.29	62469518.03	33599734.49	128023037.3
Com_1720_po: Epitestoster C19 H28 O2	288.20821	6.716	289.21573	Full match	Not the top h	Full match	98602000.36	29178133.72	39534503.75	46693110.54	50362405.39	68353930.86	24400662.93
Com_1724_po: allantoin C4H7N4O4-	175.12087	1.453	176.12828	No results	No results	Full match	98474037.74	47401107.48	45655377.33	89850503.35	40917124.83	90444167.17	26147919.17
Com_1728_po: SPK C14 H26 N4 O	330.19017	4.958	331.19742	Full match	No results	No results	33134693.92	41504510.71	58459854.62	20941000.19	36549848.78	19615904.2	13247607.8
Com_1730_po: Testosterone C30 H48 O3	456.36001	7.313	457.36749	Full match	Not the top h	No results	61843589.09	109656737.2	88364465.21	193891192.5	72097271.58	63082829.74	127099789
Com_1747_po: (2R)-2-[(2R, C11 H20 O4	216.13585	5.826	217.14359	Full match	No results	Full match	97633261.65	63555042.51	57856529.84	136225344.1	103953491.1	112562969.4	78805126.42
Com_1773_po: (12Z)-9,10,1 C18 H34 O5	352.22231	6.374	353.22919	Invalid mass	Invalid mass	No results	41235198.15	82115554.56	32494986.52	78397991.38	161423756	133377311.2	56267912.89
Com_1774_po: MLK C17 H34 N4 O	744.43827	5.107	373.22641	Invalid mass	No results	No results	34129363.56	45624370.92	30874971.49	29385182.35	36708078.6	43342786.68	27187132.86
Com_1794_po: Isoproterenol C11 H17 N O	211.12054	1.437	229.15439	No results	No results	Full match	6134692.639	7532200.449	30531125.5	8328263.335	10533249.93	9716054.049	5125653.223
Com_1795_po: N-Methylisole C7 H15 N O2	145.11047	5.143	146.11775	No results	Full match	No results	17267454.92	45609692.97	123052471.6	74967002.31	86025026.35	51733695.03	24422742.49
Com_1800_po: Prolylleucin C11 H20 N2 O	228.14747	1.453	229.15474	Full match	No results	Full match	6865111.643	6820820.59	29907642.72	7285700.451	9526389.124	8308255.235	4640330.154
Com_1822_po: 6-methyl-4-( C15 H17 N O	277.12661	1.421	278.13348	Invalid mass	No results	No results	93685487.24	44980097.53	69807101.64	82843469.37	66513588.5	88169951.87	55550459.97
Com_1858_po: YLK C21 H34 N4 O	404.24576	8.169	405.25323	Invalid mass	No results	No results	70018849.29	58939172.13	45956228.98	127227266.5	56538370.3	38540057.86	119460977.5
Com_1876_po: 2-methyl-2, C10 H11 N O	159.06803	5.503	160.07518	Invalid mass	No match	No results	54997580.22	80186019.2	88958421.91	158497063.8	129548523.1	172354424.6	100108965.2
Com_1905_po: NPK C15 H27 N5 O	339.19052	4.883	340.19766	Invalid mass	No results	No results	32314450.41	54639396.44	53036030.19	21835249.6	61016878.93	27989503.42	20914910.67
Com_1918_po: Progesterone C21 H30 O2	314.22409	8.113	315.23169	Full match	Not the top h	Full match	46667120.27	23007555.79	34366831.9	21979406.15	20988594.73	22729984.61	62584336.36
Com_1921_po: S-Adenosylm C15 H22 N6 O	199.06852	1.272	399.1442	Invalid mass	Invalid mass	No results	88882317.55	5061153.052	12414416.01	31151996.85	27378605.07	38745294.04	9947255.359
Com_1940_po: LPC 15:1 C23 H46 N O	479.30567	6.676	480.31372	No results	Invalid mass	No results	40212671.5	28113655.75	113306907.9	68966212.82	27139079.23	18774682.6	28785716.95
Com_1957_po: N-Stearoyl C20 H41 N O	204.15137	7.309	205.15825	Invalid mass	No results	No results	66459062.65	51554554.63	54103528.4	63142473.78	62294984.93	51521081.04	69913670.9
Com_1968_po: 5-(tert-butyl C14 H18 N2 O	284.11566	5.396	285.12344	Invalid mass	No results	No results	24645759.71	37844848.44	59209484.86	41441304.4	52394565.54	26802419.04	36645458.11
Com_1985_po: Cortisone C21 H28 O5	360.20026	5.141	361.20767	Invalid mass	No results	No results	30985865.15	45443616.43	26407845.43	30194807.98	31181206.99	34185873.71	26748596.34
Com_2008_po: 2-[5-(2-hyd C10 H18 O4	224.1023	6.022	225.10963	Invalid mass	Invalid mass	No results	84515120.43	61410948.87	43403832.07	92544764.31	90496205.72	106737659.5	49322206.61
Com_2019_po: Piperine C17 H19 N O	285.13223	1.419	286.1398	Invalid mass	No results	No results	57157593.78	31696476.09	40784366.22	62382817.36	66830095.95	64523651.37	108980427.7
Com_2064_po: 3-hydroxy-2- C13 H24 O5	242.15142	5.807	243.15884	Invalid mass	No results	No results	64810848.86	49823559.07	47477546.59	187306193.2	79716388.79	80151593.6	106061890.2
Com_2069_po: mesaconic ac C5 H6 O4	130.02669	1.883	131.034	No results	No results	Full match	81685797.92	9149191.051	14147028.85	11716701.9	26721848.8	36808934.9	5912015.795
Com_2113_po: RMK C17 H35 N7 O	415.24264	5.28	416.25006	Invalid mass	No results	No results	21381189.11	28314190.73	18730896.74	19011059.73	22359709.57	19572672.71	7407955.22
Com_2260_po: 4-(trifluor C7 H4 F3 N O	191.01699	1.276	192.02417	Invalid mass	No results	No results	17946200.99	62654373.41	43682296.25	65678695.84	46543534.24	77002623.38	3777635.332
Com_2283_po: 5-amino-1-( C7 H7 N5	166.02666	1.418	167.03401	Invalid mass	No results	No match	72954849.1	52089985.19	62781654.79	97776287	84996477.5	90755075.37	75027453.86
Com_2316_po: 11-Oxoetiocl C19 H28 O3	286.19275	8.114	287.19992	Invalid mass	Invalid mass	No match	36489235.48	21190953.92	28503646.98	23207477.78	23714282.14	22835267.22	47204622.51

Com_2332_po: 3-pentadecylC22 H38 N2 (	362.29262	6.284	363.30017	Full match	No results	No results	71272829.67	25738849.44	28122233.29	46891145.19	57078186.43	62957877.89	31922856.7
Com_2372_po: 2-MethoxyberC8 H8 O2	136.05237	5.489	137.05956	Full match	Partial match	Full match	23585489.44	34457480.07	36258716.66	58800129.83	31368418.33	49898425.96	90945580.33
Com_2395_po: CryptotanshiC19 H20 O3	296.13723	4.872	297.14453	Invalid mass	No results	No results	16109131.55	55981801.83	60639954.17	153874428.6	51363146.61	34914224.61	83959052.93
Com_2472_po: WNK C21 H30 N6 (	446.23665	5.294	447.24405	Invalid mass	No results	No results	18576025.99	31988480.59	21517375.62	12675299.28	22834151.73	20085852.91	11659874.82
Com_2489_po: 5 $\alpha$ -Pregnan-C21 H32 O2	316.23994	7.708	317.24713	Full match	No results	Full match	32141576.58	10566889.98	11012357.29	29750443.5	28702379.11	15027975.59	54432147.78
Com_2538_po: 1-MethyladerC6 H7 N5	149.07014	1.419	150.0775	Full match	No results	No results	41440358.65	27440093.39	26990962.77	27972043.15	42249684.69	47633433.53	83416692.06
Com_2542_po: 16, 16-DimetlC22 H34 O4	384.22952	6.618	385.23706	Invalid mass	No results	No match	51140487.31	16880162.84	82964655.42	44141124.93	37193478.89	43933724.22	56937808.32
Com_2543_po: 6-[2-(2H-1, C15 H14 O5	274.08381	5.728	275.0907	Full match	Partial match	No results	4097979.642	100121299	52314165.8	41491247.61	22782663.1	12382479.92	43901292.67
Com_2548_po: N6-Me-dA C11 H15 N5 (	265.11617	1.356	266.1236	Full match	No results	No results	33567164.63	14252208.79	28603939.33	30046565.01	51505829.31	34310111.31	31727910.34
Com_2576_po: (1E)-5-hydrC19 H20 O2	302.12602	5.807	303.13321	Invalid mass	No results	No results	57029151.39	26275924.51	24164283.25	36275601.65	32734008.21	41833259.66	17019245.5
Com_2624_po: Mesalamine C7 H7 N O3	153.04258	4.984	154.04993	Full match	Partial match	Full match	61263906.1	70576827.67	49371258.22	71403383.22	68276598.1	67694941.52	50268272.6
Com_2627_po: (6E)-7-(2H-1C19 H25 N O3	630.35847	4.946	316.18665	Invalid mass	No results	No results	24972254.9	39962803.35	34397282.95	16320352.97	11459636.05	21182446.1	22612985.57
Com_2638_po: Loxoprofen C15 H18 O3	246.12143	5.061	247.12895	No results	Invalid mass	No results	10669758.24	46685702.08	21699735.61	9019316.259	15310931.54	9415554.94	7127044.704
Com_2646_po: TestosteronC19 H28 O2	288.20834	8.115	289.21573	Full match	No results	Full match	29470478.34	18011320.99	26381288.01	22904150.86	16399777.9	17074703.6	40717325.7
Com_2657_po: 13, 14-DihydC20 H36 O5	338.24657	6.204	339.25385	Invalid mass	No results	No results	20961866.85	93824361.02	16796136.27	21376716.59	15520197.71	21860886.93	13960198.65
Com_2673_po: 3-hydroxy-N-C18 H27 N O4	377.15389	1.349	360.15057	Invalid mass	Invalid mass	No results	49316997.66	23091323.39	77135349.85	45183906.38	100069921.4	54025597.33	21709307.86
Com_2683_po: 11-Deoxy prC20 H36 O4	362.24545	6.369	363.25278	Invalid mass	Invalid mass	No results	59464863.55	30522528.32	13560935.87	43112292.96	38441289.59	44877088.21	1632118.788
Com_2700_po: 4-(1H-pyrazC21 H19 N5 (	405.1245	1.365	406.13068	Full match	No results	No results	19550530.71	80130238.22	76349517.98	28830826.58	46754397.88	31517793	4593132.036
Com_2711_po: 4-(allyloxy)C12 H11 N O3	201.07888	5.288	202.08623	Full match	No results	No results	26086107.84	23881601.8	65426969.03	79593695.35	98502895.61	75275730.82	22265091.96
Com_2749_po: 2-Benzyl-5-[C16 H21 N3 (	271.16434	4.927	272.1716	Invalid mass	No results	No results	8971930.459	9903919.083	8281866.714	5913676.48	11861130.16	4445626.805	4976604.121
Com_2755_po: Muscone C16 H30 O	260.21391	8.385	261.22125	No results	Invalid mass	No results	17459617.9	57089844.24	29827572.09	39389962.97	48876594.21	21593896.06	74682410.04
Com_2784_po: 5-(hydroxymC6 H8 O4	166.02434	1.186	167.03154	Invalid mass	No results	No results	25328153.84	74160949.91	62887890.59	111794261.4	52753162.24	46635997.07	20181448.18
Com_2821_po: 1, 3-Dihydro-C13 H15 N O	201.11509	5.364	202.12219	Full match	No results	No results	10579852.3	87121478.36	24477392.49	17339076.79	15189931.7	17641933.17	40649646.41
Com_2848_po: 6-AminonicotC6 H7 N3 O	137.05881	1.431	138.06616	No results	No results	Full match	46311397.55	26110064.26	43201129.47	55619505.1	61400609.56	57569573.46	71476563.26
Com_2877_po: 6-(4-phenyl)C16 H24 N2 (	276.18372	4.627	277.19089	Full match	No results	No results	3317805.174	77452995.52	43648581.66	20926871.83	16614257.28	17433686.58	58424878.25
Com_2880_po: SQH C14 H22 N6 (	354.18944	5.415	355.19708	Invalid mass	No results	No results	16492588.2	18890484.66	26188043.41	23168284.13	15182795.38	16122370.2	21510189.21
Com_2946_po: 1-hydroxy-2-C13 H12 N2 (	228.08968	5.38	229.09738	Full match	No results	No results	52783336.31	37137022.04	47003593.66	94332114.42	71141073.17	67290027.32	56637706.04
Com_2962_po: ACar 18:1 C25 H48 N O3	425.35057	7.577	426.35803	No results	Invalid mass	No results	49700955.04	81561638.49	26922875.55	30825650.48	31614108.43	30749950.77	31362362.73
Com_2972_po: 2-ArachidonC23 H38 O4	360.26617	9.343	361.27338	Invalid mass	Invalid mass	No results	14413140.72	81279655.55	47685208.64	7803252.076	23654467.04	25089304.4	6709869.41
Com_3007_po: ProstaglandiC20 H32 O4	336.2276	6.649	337.23508	No results	Invalid mass	No results	11282684.76	9321724.863	8803254.342	12943568.28	28132181.37	24707938.85	31476796.44
Com_3009_po: ProstaglandiC23 H38 O7	408.24863	6.845	409.25604	Invalid mass	Invalid mass	No results	24881720.38	33493270.23	66319675.1	33115782.04	17544512.01	14794224.82	33583307.31
Com_3011_po: N-[4-hydro)C18 H29 N O3	329.19472	5.203	330.20218	Invalid mass	No results	No results	48095610.22	35052532.33	39426647.22	21527116.3	19166206.54	25206136.49	20926999.54
Com_3048_po: 5, 7-dihydro)C15 H10 O5	270.05246	5.672	271.06009	Full match	Partial match	No results	21287991.35	38002140.29	65311280.8	84697348.04	34581964.25	32616825.12	33957422.76
Com_3056_po: D-Glucose 6-C6 H13 O9 P	260.02995	1.325	261.03738	Full match	Not the top h	Full match	41099260.51	27026621.17	38258643.91	6884856.868	84467059.23	50778554.28	2434434.617
Com_3148_po: Thiamine morC12 H17 N4 (	344.07092	1.289	345.078	No results	Full match	No results	48344549.5	22734579.64	48370167.33	18100769.11	14410115.85	54306535.19	16608809.03



Com_3154_po:MMK	C16 H32 N4 (	390.17484	1.328	391.18198	Invalid mass	No results	No results	48287662.21	12749570.52	20065660.21	35682618.46	48297975.84	35802936.02	33866782.62
Com_3218_po:N1-(4-methyl	C19 H22 N2 (	360.16827	5.509	361.17548	Invalid mass	No results	No results	18677767.98	19561395.8	21595906.73	30919712.7	15711940.6	18384878.71	49115097.56
Com_3265_po:1-(3-phenyl	C15 H19 N O	261.13248	1.274	262.13962	Invalid mass	No results	No results	46235956.88	14332151.15	19354303.51	22695086.34	44899747.32	38944713.67	18507625.78
Com_3309_po:SLK	C15 H30 N4 (	346.22149	1.413	347.22949	Full match	No results	No results	10642678.51	13817632.36	22076536.05	34616826.73	39070311.43	19823649.01	31277538.19
Com_3318_po:RKK	C18 H38 N8 (	412.29298	5.554	413.30127	Invalid mass	No results	No results	45425437.24	33986296.67	37549095.53	60060357.19	44685170.16	52253896.79	49311195.17
Com_3341_po:PQH	C16 H24 N6 (	380.18269	5.674	381.19067	Full match	No results	No results	45115495.95	16447741.67	34481844.53	39571118.1	36408279.42	52736022.01	15310839.06
Com_3396_po:6β-Oxycodol	C18 H23 N O	333.15352	1.378	334.16092	Invalid mass	No results	No results	42276940.11	7056961.502	9172286.696	32075508.03	6674934.968	52267870.1	13385064.48
Com_3405_po:Phosphochol	C5 H14 N O4	183.06599	6.167	184.0735	No results	Full match	No results	37943076.66	26929822.47	40473773.92	40981144.18	42537401.02	48350909.55	57003837.55
Com_3417_po:Sinapyl alde	C11 H12 O4	208.07318	5.953	209.08009	No results	Full match	Full match	32270191.59	53624821.65	48460293.42	90729204.92	44207355.62	48475446.19	45891540.44
Com_3462_po:4-(2,3-dihy	C12 H14 O4	204.07833	5.564	205.08588	Invalid mass	Invalid mass	No results	29908945.85	25059869.61	26105179.61	46628468.01	32851065.42	30520390.66	55674212.22
Com_3513_po:1-[(3S)-3-	(1C15 H18 N2 (	296.1194	5.264	297.1268	Invalid mass	No results	No results	22283238.97	16824837.71	12185639.41	18331974.22	9721018.35	18084490.37	54604543.85
Com_3528_po:LPK	C17 H32 N4 (	356.24225	5.008	357.24951	Full match	No results	No results	16487677.71	24738697.34	18683570.71	12369794.75	28210217.06	19893881.64	9990747.222
Com_3548_po:5-Fluoro-2-	(C19 H20 F N	309.16854	4.733	310.17584	Invalid mass	No results	No results	22000119.32	61154454.69	47220621	46766052.29	44248647.69	42536276.86	32903559.11
Com_3562_po:Adenosine	C10 H13 N5 (	267.09544	1.399	268.103	No results	Full match	Full match	41557243.74	18693965.99	22606620.59	46864718.08	35605586.47	16122093.47	25932638.98
Com_3565_po:α-Linolenoy	C20 H35 N O	321.26673	8.701	322.27386	Full match	No results	No results	25129356.17	32646132.82	35903533.76	45989017.01	69525054.16	31524301.57	49100594.84
Com_3584_po:20-Hydroxy	C20 H34 O6	330.23914	6.806	353.22849	Invalid mass	Invalid mass	No results	41277400.02	11637803.44	10391716.49	19153719.76	39959451.51	33003536.27	29260532.64
Com_3604_po:Maslinic aci	C30 H48 O4	494.33754	7.853	495.34515	No results	Invalid mass	No results	15765456.5	33040222.37	25144887.36	81394394.04	68672710.31	20075496.8	24509277.8
Com_3656_po:Ergosta-5,7,	C28 H42 O	394.32347	7.576	395.33063	No results	No results	Full match	40426146.75	45112280.1	21008955.65	23723640.21	23779299.24	27508652.08	21935318.63
Com_3672_po:(±)13-HpOD	C18 H32 O4	294.21884	8.176	295.22592	Invalid mass	No match	No match	23573804.14	62606064.19	19041359.87	53323546.48	22286861.49	15494556.08	19287735.75
Com_3731_po:ACar 20:4	C27 H46 N O	447.33496	7.243	448.34247	No results	Invalid mass	No results	6659362.983	5181331.725	5895746.143	39289102.96	8557463.561	577337.998	3154527.402
Com_3732_po:13,14-Dihyd	C20 H30 O4	316.20115	7.623	317.20834	Invalid mass	No results	No results	8668145.589	49138276.85	14921278.08	21606692.96	25150845.64	12707273.09	51042365.25
Com_3741_po:SPH	C14 H21 N5 (	321.14206	1.41	322.1488	Invalid mass	No results	No results	31013471.18	44779996.67	42527293.8	21569220.24	26086483.95	31417313.42	21464644.61
Com_3763_po:Tetranor-12	C16 H26 O3	248.17722	6.379	249.18442	Invalid mass	Invalid mass	No results	39051167.91	11313515.32	13744249.76	20876935.74	23350879.04	23161464.73	23855815.81
Com_3782_po:6-(3-hydrox	C11 H16 O5	250.08377	5.865	251.09113	Invalid mass	No match	No results	852187.977	522279.6927	759142.5713	1189043.367	957937.2092	837936.6228	50293632.08
Com_3794_po:Thromboxane	C20 H36 O6	394.23286	6.117	395.24017	Invalid mass	Invalid mass	No results	38734344.69	33005196.63	32788045.32	54846616.69	35063517.72	44342296.67	26380640.89
Com_3810_po:17α-Ethynyl	C20 H24 O2	296.17739	6.6	297.18491	Full match	Partial match	Full match	8651121.501	7532182.726	21429198.87	5081586.306	3155444.087	2036025.023	4437093.716
Com_3839_po:Octopamine	C8 H11 N O2	153.07914	5.879	154.08643	No results	No results	Full match	4961617.337	4173304.503	3651411.185	8402571.798	6067255.417	5532605.63	5881184.948
Com_3854_po:Prostaglandi	C20 H34 O5	354.23923	5.846	355.24683	No results	No results	Full match	38007508.18	30791053.15	28298522.76	57884325.41	5545676.933	42935396.06	33378635.8
Com_3856_po:4-(pentyloxy	C12 H18 N2 (	222.13667	4.856	223.14377	Full match	No results	No results	37996527.59	24680229.13	30212712.01	48940335.5	22221503.3	47367744.85	5626543.283
Com_3895_po:3,4-Dimethyl	C9 H10 O2	150.06795	6.771	151.07527	No results	Full match	Full match	26475937.14	58078491.47	33313019.13	59369421.63	31158151.44	37584768.7	29141044.58
Com_3907_po:FLK	C21 H34 N4 (	406.25796	5.323	407.26544	Full match	No results	No results	8765026.737	18980242.14	12542266.99	1772324.518	12241417.2	8567158.049	11939571.69
Com_3967_po:INH	C16 H26 N6 (	382.1964	5.8	383.20316	Full match	Invalid mass	No results	32139024.78	32648945.44	34832533.59	78101530.94	11703511.39	55005776.43	32464311.42
Com_3973_po:PC (14:0e/3:	C25 H52 N O	509.34782	9.901	510.35474	No results	Full match	Full match	1256166.464	57372477.88	8710381.08	1947303.241	4152840.097	2949160.297	21260631.49
Com_3999_po:Veratramine	C27 H39 N O	409.29354	5.9	410.30103	Invalid mass	No results	No results	26818863.18	19260892.03	24440950.53	32930194.81	30270834.48	28013546.91	42660849.71
Com_4038_po:Prostaglandi	C20 H30 O5	332.19592	7.427	333.20322	Invalid mass	Invalid mass	No results	5923285.75	55812074.52	24770119.41	9496266.05	13188677.6	5269084.856	14933873.46

Com_4052_po: RMH	C17 H30 N8 (	442.2092	5.558	443.2168	Full match	No results	No results	2224460.561	3254468.569	4018858.862	2309856.002	3195627.187	3186160.604	46121760.01
Com_4075_po: 3'-Hydroxyst	C21 H32 N2 (	344.24228	4.811	345.24939	Invalid mass	No results	No results	10718768.76	42801552.78	20238373.85	6386776.363	13382589.3	6474334.229	10890515.01
Com_4130_po: 3-hydroxy-2-	C14 H17 N3 (	275.127	5.207	276.13437	Full match	No results	Full match	11829693.6	15262502.84	14144021.01	9686906.528	20251812.77	13496525.37	8780803.441
Com_4138_po: Naratriptan	C17 H25 N3 (	335.16306	5.484	336.17026	Invalid mass	No results	No results	4044764.927	26001569.59	16419063.95	28435175.58	18643393.54	17622425.46	44924491.69
Com_4164_po: Dehydroepiari	C19 H28 O2	270.19811	6.34	271.20532	Invalid mass	Invalid mass	No results	34354885.84	22457836.51	31885420.2	31193627.4	26399551.44	34282779.44	5941156.956
Com_4175_po: Oleonic ac	C30 H48 O3	439.33399	7.31	440.33951	No results	Invalid mass	No results	8648534.961	44142341.87	32569450.58	71497256.94	29788957.46	28372230.79	44275135.85
Com_4203_po: 4-oxo-5-pher	C11 H12 O3	174.0678	5.487	175.07486	Invalid mass	No results	No results	6349936.707	6678986.232	7428686.891	10059742.18	7014250.53	7588154.466	10987444.84
Com_4210_po: 1-Methylxanti	C6 H6 N4 O2	166.04889	4.889	167.05617	Full match	No results	Full match	896878.595	2224917.663	1580151.701	2002223.389	1750243.159	1738871.871	3634632.406
Com_4285_po: 11-Deoxy pr	C20 H36 O4	322.25069	6.418	323.25784	Invalid mass	Invalid mass	No results	25052477.5	22841848.86	25881257.04	60814755.29	34200647.86	26723923.75	43004367.28
Com_4296_po: 4-(Diethylam	C11 H15 N O2	193.10996	5.684	194.11765	Full match	No results	No results	23212806.72	21051920.51	20740628.88	52636748.32	34248797.89	39944426.06	19748396.51
Com_4307_po: 2-(2-hydroxy	C11 H21 N O2	231.14682	5.538	232.1545	Full match	No results	Full match	21805709.93	27649615.81	20682508.64	31546606.73	36575682.13	48735535.01	42806355.75
Com_4318_po: 2-(2,6-dime	C19 H18 O6	324.09955	5.501	325.10699	Invalid mass	No results	No results	32985676.44	15030759.97	26264850.64	8358114.857	20144332.59	23986883.19	6131216.003
Com_4328_po: HMK	C17 H30 N6 (	414.21081	5.219	415.21762	Invalid mass	No results	No results	8536144.252	21467456.28	26844988.69	21961332.04	29453922.71	23873504.58	16370758.63
Com_4378_po: 6-methyl-7-r	C9 H9 N O4	195.0529	1.412	196.06009	Full match	No results	No results	32353630.64	35955107.23	32509745.23	38633652.78	38736059.17	36285393.21	28746765.46
Com_4543_po: 4-(3,4-dime	C12 H15 N3 (	233.11618	5.154	234.1236	Full match	No results	No results	24238328.66	19128507.31	22290571.35	72185003.34	26794972.48	42009378.77	31996338.57
Com_4587_po: Norfloxacin	C16 H18 F N2	319.1379	1.371	320.14514	Invalid mass	Invalid mass	No results	23707964.53	29533138.53	5652328.816	22707933.32	20769519.05	32820384.27	21180639.58
Com_4591_po: Alprazolam-c	C17 H5 [2]H2	316.13785	1.415	317.1456	Invalid mass	No results	No results	30447338.64	16842778.14	20699618.25	34739317.85	26276518.9	32212067.86	23132618.38
Com_4622_po: 4-{3-[(3,4-	C18 H22 O4	341.15854	1.419	342.16577	Invalid mass	No results	No results	30100174.51	10384467.92	17201863.17	27415147.87	21982108.47	25218243.54	28913540.35
Com_4642_po: ACar 18:2	C25 H46 N O2	441.34522	7.228	442.35324	No results	Invalid mass	No results	5935482.945	34865552.82	21734635.15	9901763.841	10458426.26	10074033.51	20281463.78
Com_4646_po: VMK	C16 H32 N4 (	358.20336	4.941	359.21063	Invalid mass	No results	No results	14475223.81	18168229.16	10998051.26	4917916.5	15515258.98	9445651.455	3210684.711
Com_4651_po: IMK	C17 H34 N4 (	390.22803	5.062	391.23474	Invalid mass	No results	No results	9793418.479	16295754.85	6999732.508	2451908.849	12014971.61	6223932.091	5402537.873
Com_4653_po: N1-isopropyl	C16 H17 N O	271.10297	4.86	272.11041	Full match	No results	No results	9277296.544	5554865.31	18778179.56	2718303.359	12157980.85	20161531.58	426056.6091
Com_4705_po: Etiocholanol	C19 H30 O2	272.21393	9.115	273.2211	Invalid mass	Invalid mass	No results	9642193.614	16878272.35	24945460.9	46910870.54	49444061.65	10122819.21	27784858.74
Com_4745_po: Pilocarpine	C11 H16 N2 (	208.12131	5.086	209.12859	No results	Full match	No results	29232947.09	20729196.18	21839651.56	51089007.92	31974329.33	39252143.06	33215492.04
Com_4778_po: tetranor-12	C16 H26 O3	248.17731	8.462	249.18457	Invalid mass	Invalid mass	No results	28967247.67	20997841.28	17962616.22	35344073.1	20113668.01	25961013.16	15439987.52
Com_4893_po: N6-Isopente	C15 H21 N5 (	335.15933	5.836	336.16669	No results	Full match	No results	28085920.35	7454692.702	6042397.417	2176356.187	18719524.58	4163883.386	5401794.851
Com_4923_po: Jasmone	C11 H16 O	182.13075	6.286	183.13832	Invalid mass	No results	No results	25527159.47	20392160.94	17095960.49	54807374.89	17951576.9	34651332.49	36107926.38
Com_4935_po: N2-(2-cyano-	C12 H6 F2 N2	264.01587	1.262	265.02313	Full match	No results	No results	11712989.86	6441350.443	13465110.85	24644407.5	15206283.64	11278751.4	36035488.64
Com_4950_po: TLK	C16 H32 N4 (	360.23709	4.779	361.24448	Full match	No results	No results	10633305.63	43022688.37	24201545.41	5464093.228	17293997.85	10466345.55	8605669.973
Com_4962_po: Ecgonine	C9 H15 N O3	185.1049	5.64	186.11244	Full match	No results	No results	13743740.76	8752894.668	10331140.76	24333830.37	12888458.98	16686974.84	32012533.52
Com_4986_po: DL-2-(acetyl	C11 H13 N O2	224.11602	1.317	225.12306	Invalid mass	No results	No results	27411116.25	13073325.32	16313032.85	14928636.66	29846352.32	27316791.92	19879245.74
Com_5070_po: N6-Methylad	C6 H7 N5	149.07015	2.521	150.07741	Full match	No results	No results	19792946.55	9897065.338	16978661.46	14550240.76	12731853.83	26161715.93	14747635.69
Com_5093_po: EMH	C16 H25 N5 (	397.14851	4.914	398.15582	Invalid mass	No results	No results	879563.7374	823041.4641	5330510.565	2024455.346	3978809.029	3449339.378	3386688.99
Com_5101_po: 2-Thio-acety	C21 H42 O3	396.26588	6.509	397.27347	Invalid mass	No results	No results	8783807.519	6846608.808	9524816.33	13579752.1	5153607.041	6579201.932	6696395.063
Com_5123_po: (2R,3S,4S,5	C14 H20 O6	284.12574	6.415	285.13321	Full match	No results	No results	15037383.16	41051284.73	29927224.14	25754670.48	19219577.01	24834809.78	16665655.87

Com_5125_po: 11 (Z), 14 (Z), C20 H34 O2	306.25595	6.058	307.26321	Full match	Not the top h	Full match	20661325.48	14723840.73	16617384.6	57892261.67	19507369.85	20482661.88	34100616.98
Com_5137_po: 4-amino-6-cl C9 H7 C1 N4	200.04503	1.605	201.05232	Invalid mass	No results	No results	10414617.07	13306349.15	21326018.02	5469991.574	18348442.85	18612654.19	4572139.152
Com_5140_po: 5-allyl-4, 6-C11 H12 N2 (	188.09432	5.769	189.10179	Full match	Partial match	No results	335142.3614	701014.0746	512066.5926	1342322.145	1649401.951	644098.1323	811930.8271
Com_5153_po: (9cis)-Retir C20 H28 O	284.21382	7.703	285.22107	Full match	Not the top h	Full match	13125667.92	9500347.794	10423078.58	10572534.36	8578848.855	5784446.155	23954013.65
Com_5175_po: ANK C13 H25 N5 (	331.18526	4.802	332.19266	Full match	No results	No results	12023574.02	15788402.54	16107538.18	18025091.23	12444408.39	14709204.61	33735146.03
Com_5184_po: (3R)-8-hydr C16 H14 O4	252.07451	4.691	253.08165	Invalid mass	No results	No results	25990762.11	8643227.481	13726971.65	15706444.11	11941037.44	16776297.54	6162358.653
Com_5238_po: N-(6-methoxy C11 H10 N2 (	234.04967	1.213	235.05695	Invalid mass	No results	No results	1861593.83	16683836.95	5678081.841	7769236.212	9459711.48	4819518.513	2801662.752
Com_5248_po: 4'-Methoxy C9 H10 O2	150.06796	9.5	151.07529	Full match	Partial match	Full match	20523310.41	17376338.78	8548456.493	19049753.21	8476383.862	14311622.79	14799168.84
Com_5272_po: Avocadyne 1-C19 H34 O4	308.2349	7.973	309.24213	Invalid mass	No results	No results	7847200.679	34644258.02	20387515.03	15416090.13	21561386.26	9463920.682	32975757.73
Com_5277_po: N' 1-(3, 4, 5-t C19 H22 N2 (	358.15076	5.746	359.15994	Invalid mass	No results	No results	16971863.15	14620487.51	8807544.628	19362179.92	21879044.89	16012803.01	9677160.597
Com_5332_po: Taurodeoxy C26 H45 N O6	481.28694	11.852	482.29422	Invalid mass	No results	No results	974929.8673	1200171.293	724332.2092	2516066.079	949750.4006	1094599.111	1297870.899
Com_5350_po: 1-(4-hydroxy C9 H12 O3	150.06795	8.06	151.07538	Invalid mass	No match	No match	21409223.31	38808375.05	16489209.8	33161122.6	11354558.51	21178881.16	22037269.9
Com_5352_po: 4-methoxy-6-C11 H12 O3	192.07846	5.263	193.08585	Full match	Partial match	No results	16205644.57	13310091.22	11440453.63	21725117.8	13025518.83	16297314.11	32239466.61
Com_5401_po: N', N''-di C17 H16 N6 (	384.11931	5.613	385.12762	Full match	No results	No results	11658399.82	9199090.889	11036871.62	29876419.93	18481427.02	13866784.48	17309089.74
Com_5434_po: Estriol C18 H24 O3	288.17189	5.683	289.17935	Full match	No results	Full match	24417904.72	18098412.11	20563353.98	44043634.92	25011093.86	27325527.69	25133616.65
Com_5519_po: α-Estradiol C18 H24 O2	272.17349	5.265	273.18073	Invalid mass	No results	No results	21835904.44	17555750.9	18976776.01	39722395.54	25179940.28	29405492.17	30946029.59
Com_5537_po: L-Methionine C6 H13 N O2	163.0668	4.78	164.07408	No results	No results	Full match	4966467.252	6707998.695	30644136.1	26899279.68	20374107.11	14334424.42	2009615.009
Com_5578_po: O-Desmethyl C13 H12 O3	216.07805	1.22	217.08533	No results	No results	Full match	565865.6546	18311454.37	4019991.494	9435763.755	4747866.158	1641809.17	1687701.103
Com_5604_po: 4-Hydroxypr C16 H21 N O6	137.57411	1.248	138.58134	Invalid mass	No results	No results	13063011.35	8552658.723	8119980.969	11659106.2	7284992.5	26067463.4	10132600.09
Com_5630_po: 2-(2'-fluor C22 H18 F N	331.13762	1.416	332.14401	Full match	Invalid mass	No results	20435557.62	16702939.33	18754518.16	24991986.64	23095010.91	21050829.5	17177570.5
Com_5631_po: Enrofloxacin C19 H22 F N6	341.14889	4.971	342.15604	Invalid mass	No results	No results	3259079.547	6823139.556	5083670.514	4989940.608	5626305.093	5336295.803	4563839.456
Com_5649_po: L-Homocitru C7 H15 N3 O6	189.11145	1.412	190.11868	No results	No results	Full match	9895656.127	9228442.679	13086971.74	33329554.19	19152970.4	18796169.13	22557096.92
Com_5676_po: NNK C14 H26 N6 (	352.21198	5.124	353.21893	Invalid mass	No results	No results	2602372.776	2287189.221	3203861.051	4980952.325	3707680.997	3783767.042	5451629.207
Com_5689_po: VNK C15 H29 N5 (	359.21691	1.407	360.22443	Full match	No results	No results	3537948.867	4284882.206	3251301.633	2016236.813	4584689.533	2644950.134	1979174.075
Com_5691_po: 1-(3, 5-dime C10 H16 N2 (	244.08408	5.319	245.09137	Invalid mass	Invalid mass	No results	20823796.77	13203200.65	14880303.4	38081944.05	24351292.48	33720128.96	29614931.28
Com_5708_po: Sunitinib C22 H27 F N6	207.09001	5.381	437.16925	Invalid mass	No results	No match	3636982.118	8024002.947	8205212.773	23622849.62	7564977.804	2236268.528	27740432.92
Com_5784_po: α-Lapachone C15 H14 O3	264.07448	5.273	265.08234	Invalid mass	No results	No results	22291632.42	12580194.05	17245051.08	37809423.73	24944718.45	30148923.59	25397960.7
Com_5848_po: Meperidine C15 H16 [2]H	252.18731	6.336	253.19429	Invalid mass	No results	No results	21923821.63	11980310.59	13751496.36	14290629.45	15473998.38	21005430	2122683.02
Com_5867_po: EQH C16 H24 N6 (	394.15649	5.719	395.164	Invalid mass	No results	No results	21871234.13	363699.2233	379458.7376	1417798.979	1691064.731	5972669.293	693031.2486
Com_5883_po: Cafestol C20 H28 O3	316.20315	5.901	317.21066	Full match	Not the top h	Full match	21099052.55	14548120.5	15155791.76	30206999.01	19739042.21	22555341.06	28228062.62
Com_5891_po: 2'-Deoxyguar C10 H13 N5 (	267.09648	4.615	268.10358	No results	Full match	Full match	16196817.25	6458350.586	10400449.07	5030891.059	10378122.08	7380514.442	20982376.44
Com_5915_po: 5'-Deoxy-5'- C11 H15 N5 (	297.08903	1.269	298.09607	No results	No results	Full match	21672587.75	522625.1459	1351299.151	477014.9108	4861317.28	6582557.48	1483199.044
Com_5948_po: Prostaglandi C20 H32 O5	352.222	7.063	353.22928	No results	Invalid mass	No results	21457701.12	10414410.57	8582447.018	12437522.37	31432421.59	25717837.01	10876781.76
Com_5960_po: 2-Phenyleth C8 H11 N	121.08916	5.055	122.09636	No results	No results	Full match	21334701.9	7360826.046	9724764.105	5165390.596	13272128.81	31495397.61	7041087.176
Com_5981_po: Celestolide C17 H24 O	266.1671	6.756	267.17447	Invalid mass	No results	No results	18644124.84	9874521.108	19091769.16	10764547.36	14952657.73	18721494.48	12921194.79

Com_5985_po: WLH	C23 H30 N6 (	218.11444	5.391	437.23593	Invalid mass	No results	No results	21213959.59	12876494.06	14542254.07	17109528.72	15506013.77	12328817.08	14808511.85
Com_6024_po: D- $\delta$ -Tocopherol	C27 H46 O2	402.34549	6.049	403.35333	Invalid mass	No results	No results	21029991.3	7171409.052	11274386.43	11563962.12	14289462.62	21507054.62	10732910.28
Com_6077_po: 1-(3-ethyl-1H-imidazol-2-yl)ethane	C13 H18 O4	220.10982	5.778	221.11743	Invalid mass	No results	No results	20814431.95	9999501.659	12284799.69	43280028.92	16864988.63	20138180.88	16584375.7
Com_6167_po: All trans-retene	C20 H28 O	284.21373	6.723	285.22125	No results	No results	Full match	20389621.86	9837742.989	14804109.34	19413508.38	16569340.06	17335923.75	11536036.96
Com_6179_po: (+/-)-11(12)-C20 H34 O4		360.22967	7.446	361.23669	Invalid mass	No results	No results	15667033.96	31687961.91	18732361.94	11546960.76	13908847.15	17813634.85	11764733.3
Com_6235_po: WNH	C21 H25 N7 (	455.2005	4.784	456.20764	Invalid mass	No results	No results	3784953.031	8181417.889	25895552.21	8175920.355	14259523.5	8830602.284	1776785.901
Com_6246_po: 1-(4-benzyl-1H-imidazol-2-yl)ethane	C19 H24 N4 (	324.19134	6.369	325.19861	Invalid mass	No results	No results	20027519.01	9708396.188	9924797.217	20344454.19	12405114.58	15460869.73	11958456.9
Com_6255_po: L-Histidinol	C6 H11 N3 O	141.09035	1.149	142.09747	No results	No results	Full match	10379173.16	6966392.945	6937817.444	14166935.26	13875301.85	19755939.61	17323089.12
Com_6279_po: SMK	C14 H28 N4 (	346.1746	5.062	347.18158	Invalid mass	No results	No results	3187188.918	18512126	16836468.42	46467414.55	32258875.56	14711088.17	9914246.837
Com_6280_po: PNK	C15 H27 N5 (	169.59543	4.798	170.60265	Invalid mass	No results	No results	14147790.46	16526234.7	21737784.5	2483455.979	13399686.61	6277932.286	1595245.067
Com_6293_po: EMK	C16 H30 N4 (	406.18745	5.232	407.19485	Full match	No results	No results	911806.4681	6837985.372	3347791.761	2383280.562	4008355.048	3450812.231	3356740.106
Com_6302_po: 2,6-Dihydro-2H-pyridin-4(1H)-one	C5 H4 N4 O2	152.03325	4.925	153.04053	No results	No results	Full match	11567952.67	4015428.175	5421775.875	30614412.62	6013711.287	4974704.437	1322841.188
Com_6303_po: 1,7-bis(3,4-dihydroxyphenyl)ethane	C19 H22 O5	347.16886	1.45	348.17603	Invalid mass	No results	No results	7836382.975	7403199.533	6880167.562	11181584.24	6597291.779	8001934.657	11748097.07
Com_6358_po: RNH	C16 H27 N9 (	447.19711	4.912	448.20499	Invalid mass	No results	No results	18811805.04	6713365.607	7779999.736	4603667.722	8193892.77	13634543	9376996.173
Com_6368_po: TMK	C15 H30 N4 (	378.2006	4.79	379.20703	Invalid mass	No results	No results	7108703.687	11809413.57	8549532.398	17071220.98	9483299.2	10396482.92	9384663.447
Com_6478_po: Mirtazapine	C17 H16 N2	268.18219	5.868	269.1897	Invalid mass	No results	No results	10551790.85	13146483.46	12332690.61	31494974.7	13419438.28	12184653.58	22386604.57
Com_6495_po: 6,6-dimethyl-1,2,3,4-tetrahydro-2H-pyridin-4(1H)-one	C12 H19 N S2	241.09494	4.703	242.1021	Full match	No results	No results	18963439.87	7491927.38	9257451.064	12022446.25	3910117.257	14024531.01	3435020.282
Com_6496_po: Pentadecanoic acid	C15 H30 O2	259.25086	6.37	260.25818	Invalid mass	No results	No results	18952896.54	4962527.053	5892936.645	7121708.486	14725391.95	15476018.15	1359934.151
Com_6530_po: ALK	C15 H30 N4 (	330.22651	4.886	331.2337	Full match	No results	No results	10543587.74	10370049.45	7791110.641	9411067.722	15869348.88	11425849.32	1620634.432
Com_6557_po: Methyl Palmic acid	C17 H34 O2	287.28125	6.798	288.28787	Invalid mass	No results	No results	18698833.64	5937444.063	7156702.446	4682517.835	15459563.17	12443766.27	3929820.777
Com_6622_po: 5-Phenylvaleric acid	C11 H14 O2	178.0991	8.115	179.1067	No results	No results	Full match	12200320.38	10336589.56	10178558.77	8594979.413	8736070.842	9163903.026	16521102.48
Com_6655_po: 4-(cyclohexyl)butanoic acid	C15 H18 N2 (	296.10026	4.809	297.10806	Invalid mass	No results	No results	9569113.282	1124632.155	1427440.52	1969815.296	1603223.355	5849780.657	1072307.56
Com_6678_po: 2,6-Di-tert-butyl-4-methylphenol	C14 H20 O2	220.14531	7.108	221.15259	No results	Full match	No results	16536090.3	4948548.493	9288220.142	12120868.05	8952822.1	10335115.25	11403433.2
Com_6709_po: Gentisic acid	C7 H6 O4	154.02655	1.425	155.03378	No results	No results	Full match	18086060.22	10852316.26	11795012.11	11623870.29	27597573.48	18556532.57	6129482.857
Com_6719_po: ENK	C15 H27 N5 (	389.19417	5.153	390.20303	Invalid mass	No results	No results	10472720.81	10159964.32	18655396.69	3376317.599	2235334.58	8553085.499	13708984.2
Com_6837_po: 2-(2-oxo-2-phenylacetyl)propane	C10 H16 N2 (	321.2052	4.963	322.21234	Invalid mass	No results	No results	10762105.62	10428737.52	11159688.2	20349048.14	11397476.21	13525913.26	18339285.85
Com_6896_po: 2-[1-oxophthalimido]acetic acid	C15 H12 N2 (	338.01379	1.271	339.02121	Invalid mass	No results	No results	2136107.08	22686465.81	11842586.23	5419427.207	6964248.635	7653005.175	1242881.398
Com_6975_po: LysoPE 18:2	C23 H44 N O2	477.28506	6.551	478.29242	No results	No results	Full match	12657309.73	4157335.804	6227773.492	12878732.21	7456365.135	5245456.343	9751898.07
Com_7053_po: Sphingosine	C18 H37 N O2	299.28186	6.802	300.28891	Full match	Partial match	Full match	6504526.355	6778066.528	3543191.093	3870594.47	16835009.1	13192555.7	8724377.344
Com_7084_po: 3-(4-methylphenyl)propanoic acid	C20 H21 N5	314.15875	1.406	315.16577	Invalid mass	No results	No results	16917192.65	9269910.09	9499176.459	26231832.69	19937427.59	19710625.56	12241139.38
Com_7086_po: PC (18:2e/2:C28 H54 N O2)		547.36344	9.95	548.3703	No results	Full match	Full match	2311459.084	26336670.53	7046634.858	2199810.255	4018290.092	4981539.618	11088809.42
Com_7128_po: Biliverdin	C33 H34 N4 O2	582.24738	6.308	583.25507	No results	Full match	No results	2530678.047	26070338.92	7899562.918	19537814.58	10744119.36	2387110.81	12999421.85
Com_7165_po: GLK	C14 H28 N4 (	316.2108	4.794	317.21808	Full match	No results	No results	5111107.67	10204031.16	6183792.021	3208841.31	7497056.343	3584232.396	3694536.923
Com_7166_po: All trans-retene	C20 H28 O	284.21361	6.824	285.22107	No results	Full match	Full match	12210577.5	7169798.104	12514888.85	7539817.132	7833238.898	8109945.773	7674340.541
Com_7250_po: APK	C14 H26 N4 (	336.17937	5.129	337.18655	Invalid mass	No results	No results	2048091.935	4094738.678	4882703.293	5476690.96	3767797.953	6479016.46	6067096.837

Com_7253_po: 4-(4-nitropl	C12 H10 N4 (	264.06191	5.843	265.06882	Invalid mass	No results	No results	4887574.176	5270422.899	3192514.775	27039682.46	27295318.5	17342440.85	4174823.798
Com_7261_po: SNK	C13 H25 N5 (	347.18448	5.189	348.19217	Invalid mass	No results	No results	13027509.76	7682474.734	7211846.905	29391719.15	15736038.24	25408513.99	18870437.98
Com_7267_po: N-(2,3-dihy	C15 H15 N O	273.09967	5.445	274.10648	Full match	No results	No results	15925666.74	11515953.82	15184253.56	33101748.13	19370505.78	23075278.68	17024722.27
Com_7308_po: 3-(3,4,5-tri	C12 H16 O5	262.08354	5.616	263.09082	Invalid mass	No results	No results	3718161	7380215.625	8707123.124	11550218.35	6447016.444	5594514.51	20831700.48
Com_7392_po: 13-OxoODE	C18 H30 O3	316.20366	6.565	317.21106	Invalid mass	No match	No match	15837883.37	18822726.13	6689697.7	10363419.44	5130914.431	6148949.316	13689945.74
Com_7396_po: 1-morpholin	C13 H18 N2 (	282.1216	5.088	283.12894	Full match	No results	No results	15833094.41	10500693.11	13435599.01	26329479.68	15750012.67	18232196.71	15191989.87
Com_7406_po: YMK	C20 H32 N4 (	422.19231	5.477	423.19958	Invalid mass	No results	No results	3464151.568	5625671.021	3283478.256	6668121.004	4069225	4069672.281	2525886.539
Com_7417_po: 1,3-bis(4-me	C26 H30 N2 (	402.23878	6.861	403.24609	Invalid mass	No results	No match	10586729.59	19122679.2	20366353.68	20679573.32	21629649.81	23355088.01	3606514.771
Com_7428_po: VMH	C16 H27 N5 (	385.17777	5.809	386.18542	Full match	No results	No results	4102005.567	2862279.83	6999446.753	2282854.836	2579016.887	6592122.613	4416883.74
Com_7463_po: 2-([4-(6-me	C21 H16 N2 (	344.1035	5.309	345.11087	Invalid mass	No results	No results	6999418.516	7253166.35	8498917.336	13227552.25	7870372.637	10498148.18	20264234.05
Com_7502_po: 13,14-dihyd	C16 H26 O5	320.15846	1.419	321.16589	Invalid mass	No results	No results	15508791.35	9245372.773	16946383.43	22109571.49	13479602.44	22344353.43	11801993.39
Com_7573_po: 3-N-Methyl	C17 H13 N3 O	187.0963	1.242	226.05956	No results	No results	Full match	526849.4803	15004239.08	983162.044	1057251.628	18968346.14	24312632.62	2740609.623
Com_7651_po: 5,7-dihydro	C15 H10 O4	254.0576	6.657	255.06482	Full match	Partial match	No results	1671965.768	1356878.232	1447157.389	1542593.06	1417719.37	1701138.65	2622299.203
Com_7839_po: 5,6-dimethyl	C8 H8 O4	168.04224	5.266	169.04956	Full match	No results	Full match	9811953.264	11458055.17	9638864.537	27812728.37	16772449.87	12381703.12	16473501.93
Com_7853_po: 15(R)-15-Me	C21 H32 O4	330.21648	5.613	331.22519	No results	Invalid mass	No results	14460580.48	7638812.372	10813771.45	14513602.02	10508228.89	11662969.12	11184327.02
Com_7944_po: GPK	C13 H24 N4 (	600.35882	5.179	601.36469	Invalid mass	No results	No results	1254480.757	2504408.076	1836842.289	1052365.066	1618261.581	1405187.014	1285064.774
Com_7948_po: 17beta-Tren	C18 H22 O2	270.16193	5.686	271.16934	Full match	Partial match	Full match	12843636.07	9930485.626	11104082.85	22320459.41	12411769.2	11627409.45	11998955.68
Com_7995_po: TNK	C14 H27 N5 (	686.35968	4.932	687.36664	Invalid mass	No results	No results	1099080.562	21939907.18	2337512.951	958370.6614	1412406.219	1554929.924	824402.3364
Com_7997_po: N,1,5-triphe	C21 H16 N4 (	340.13956	5.838	341.1474	Invalid mass	No results	No results	10374394.72	9986609.394	8189021.974	16619368.26	16191247.26	9185985.003	10622537.76
Com_8031_po: Cyclohexyl t	C26 H29 [2]H	395.30339	6.762	396.31049	Invalid mass	Invalid mass	No results	8278213.659	5948599.685	15694926.36	13661782.88	7204781.698	7143319.549	13345681.59
Com_8069_po: All-Trans-1	C20 H32 O	288.24489	6.47	289.25217	No results	No results	Full match	13657985.63	11884823.58	12588346.96	26833732.89	14443604.74	16089672.42	13915100.34
Com_8076_po: ethyl 4-([C	C17 H25 N3 (	373.14813	1.346	374.15561	Invalid mass	No results	No results	12668356.31	5532812.603	6570466.443	9070416.123	9023124.476	10896529.17	17228472.13
Com_8102_po: Vitamin A	C20 H30 O	286.22948	8.688	287.23633	No results	No results	Full match	12232856.74	17970745.57	8294627.832	26901761.51	13875711.05	11915958.45	10027229.99
Com_8139_po: alpha-Farne	C15 H24	204.18746	9.906	205.19478	No results	No results	Full match	4526403.605	21389789.93	11384066.68	8109747.517	11166538.02	10218315.78	6106741.986
Com_8178_po: 17alpha-Hyd	C21 H30 O3	330.21945	6.387	331.22687	Full match	Not the top	hFull match	9418526.639	18942739.44	16096214.04	12295091.95	8979024.966	6891601.214	11999882.41
Com_8239_po: DL-3,4-Dihy	C8 H10 O4	170.05832	5.421	171.0656	No results	No results	Full match	13525018.86	10280489.51	696450.5989	1714151.415	1704433.719	17359455.25	883412.1824
Com_8245_po: YKK	C21 H35 N5 (	419.25291	5.121	420.25955	Invalid mass	No results	No results	8458281.897	3887496.371	9258110.35	15718779.75	9517127.069	10769154.86	11679486.91
Com_8263_po: PB-22 N-(4-	C14 H17 N O	247.12049	5.086	248.12804	No results	Full match	No results	5361507.716	7506028.787	6698961.337	12981175.9	7240824.284	7748245.389	17424647.63
Com_8275_po: 4-oxo-4-(5,	C14 H15 N O	227.09114	1.332	228.09842	Invalid mass	No results	No match	13424538.38	2025606.11	3553122.14	3541775.81	7239802.828	6905955.584	3481892.36
Com_8277_po: N-[4-(dimet	C14 H18 N4 (	548.28098	4.904	275.14777	Invalid mass	No results	No results	13417002.41	1092198.605	1681073.552	1064085.817	4927841.746	5749193.637	653453.4243
Com_8279_po: 7-hydroxy-3	C16 H12 O4	268.07339	6.259	269.08069	Full match	Partial match	No results	525185.5016	1279992.429	997943.9361	2475204.754	1682750.049	459910.7475	17361223.26
Com_8442_po: 4-morpholin	C11 H13 N O	229.07002	1.396	230.07732	Invalid mass	No results	No results	13045743.63	7897504.875	9731526.766	18781098.33	17634903.13	9704205.352	16179342.28
Com_8471_po: 2-ethyl-2-(	C15 H21 N O	247.15705	5.139	248.1649	Full match	No results	No results	12979165.79	8891801.307	11111498.25	25621407.01	8627516.708	15048641.44	4082206.25
Com_8511_po: 4-Hydroxyre	C20 H28 O3	316.20254	5.611	317.21005	No results	No results	Full match	10032731.99	4159181.427	6377446.832	12436659.94	3855269.726	9040456.49	5364139.996
Com_8553_po: Homovanilli	C9 H10 O4	182.05789	5.691	183.06506	No results	No results	Full match	2064171.502	3646786.115	3696116.773	9144983.754	4379521.985	3183720.088	16557241.37

Com_8582_po:ethyl 2-amir	C14 H13 N O	259.06641	6.98	260.07306	Full match	No results	No results	3831397.506	2611399.072	6106293.002	16193649.6	595933.8442	5110625.833	5108161.285
Com_8607_po:diethyl 2-(	C26 H31 N O	443.20191	5.237	444.20908	Invalid mass	No results	No results	4919336.534	8470813.725	7261608.616	14378252.38	10251000.07	12587532.19	10625333.16
Com_8619_po:ACar 16:1	C23 H44 N O	397.31923	7.051	398.32629	No results	Invalid mass	No results	2830961.425	10430170.44	8296271.773	4743116.803	3267037.635	2600703.743	9799205.39
Com_8708_po:2-[1-(5-chl	C11 H10 Cl N	267.01961	5.612	268.02771	Invalid mass	No results	No results	12409990.47	6436918.453	8169666.726	18221483.92	13986337.93	16133004.48	6460141.505
Com_8792_po:(2R)-5-hydr	C16 H14 O4	116.06612	5.82	117.07331	Invalid mass	Invalid mass	No results	6091788.905	10823199.06	6925766.292	28667686.64	12654131.43	9443056.209	15284823.7
Com_8915_po:1-(4-methoxy	C10 H14 O3	164.08373	9.599	165.091	Invalid mass	No match	No match	9877427.556	6391291.755	5568883.867	13020721.37	1466603.274	6379941.537	6262139.861
Com_8926_po:NMK	C15 H29 N5	373.18493	5.067	374.19211	Invalid mass	No results	No results	3839195.897	4471858.128	4372052.368	6800232.216	5308987.048	5223580.228	3494716.474
Com_8987_po:3,6-bis[(1H	C22 H20 N4	372.15766	5.73	373.16522	Full match	No results	No results	5170072.066	4179536.519	15328793.97	5400410.318	10289246.92	4678549.582	10992217.7
Com_9004_po:KKK	C18 H38 N6	384.28529	6.102	385.29199	Invalid mass	No results	No results	11850410.09	15316997.73	8550211.208	7047151.929	16802947.64	17497847.42	2971811.571
Com_9019_po:N-[4-(tert-C	H28 N2	310.19579	6.51	311.20282	Invalid mass	No results	No results	11815320.4	4650544.761	6194082.88	1643493.816	1156516.717	909096.2548	815366.7932
Com_9021_po:3,3-dimethyl	C14 H19 N O	498.2729	5.03	250.14374	Invalid mass	No results	No results	2148424.172	1852476.891	2209437.627	4618903.798	2178153.388	2877503.072	8439504.451
Com_9022_po:5-phenyl-2,	C15 H12 N2	258.075	5.366	259.08255	Invalid mass	No results	No results	3837757.682	6027867.683	5649248.91	19634196.79	5543211.915	5584641.964	8251838.743
Com_9024_po:Dutasteride	C27 H30 F6 N	506.23865	5.154	507.24445	Invalid mass	No results	No results	5773887.618	6692076.044	5508699.105	4535042.21	6158706.76	6002128.093	9277596.11
Com_9026_po:3-[4-hydrox	C14 H16 N2	260.11815	5.334	261.12552	Invalid mass	No results	No results	11279985.01	1240109.308	3152212.358	5794156.979	4079528.932	18568823.97	4830781.636
Com_9121_po:3,5-di(2-fu	C15 H12 O4	256.07311	5.519	257.08075	Full match	Partial match	No results	11618534.26	6791146.04	12018420.99	11505998.34	11504133.3	16478194.84	837384.2738
Com_9408_po:NKK	C16 H32 N6	388.24337	4.874	389.25079	Full match	No results	No results	3205336.521	17248448.76	12541151.14	1266443.504	5151183.936	2235611.761	2104216.586
Com_9427_po:3-hydroxy-2-	C15 H19 N3	311.12645	5.871	312.13385	Invalid mass	No results	No results	9724386.313	8848397.479	10496913.86	20591835.51	7580148.605	10530435.33	14288523.73
Com_9442_po:1H-indene-3-	C10 H9 N O	181.04883	1.422	182.05611	Invalid mass	No results	No results	11002802.58	4841935.16	11714228.61	18730428.58	10555928.04	11108861.64	2564024
Com_9469_po:GQH	C13 H20 N6	340.14962	4.951	341.15701	Full match	No results	No results	1157764.205	3544547.416	3512501.687	4106759.928	5703690.824	2320065.761	12687422.65
Com_9471_po:8-Aminoocat	C8 H17 N O2	159.12574	5.314	160.13306	No results	No results	Full match	2641688.743	2261847.614	11155806.09	3470986.695	5468002.723	6000178.69	1442674.741
Com_9495_po:Cortisol	C21 H30 O5	362.20921	6.292	363.21622	No results	Full match	Full match	10923867.8	2555218.716	3682269.734	4832041.778	4777543.061	7614121.603	2256149.978
Com_9521_po:Lagochilin	C20 H36 O5	356.26213	9.216	357.26941	No results	Invalid mass	No results	227743.5074	4028325.711	14040224.41	5174666.701	6042749.89	551292.1626	1504425.95
Com_9527_po:Lysopc 18:3	C26 H48 N O	517.31846	7.224	518.32593	No results	No results	Full match	3629941.612	2196133.162	2750553.349	1785802.391	644832.3215	2983475.955	5419412.47
Com_9546_po:4-(2,3-dihy	C14 H12 F3 N	279.09712	5.044	280.1044	Full match	No results	No results	1620754.844	1576583.886	2338149.81	3708216.356	2050394.959	1914672.242	2427327.351
Com_9577_po:2-(3,4-dihy	C15 H12 O5	272.06773	5.588	273.0751	Full match	Partial match	No results	6231465.528	6288055.967	13901557.7	18276241.61	6862538.171	10396800.35	8138836.077
Com_9582_po:Asaraldehyd	C10 H12 O4	196.07345	8.159	197.08052	No results	No results	Full match	1264517.458	2362817.982	1959494.898	6064255.248	2785391.648	2432976.98	4856058.432
Com_9621_po:APH	C14 H21 N5	323.15871	1.423	324.16592	Full match	No results	No results	10700827.78	3777082.727	5912049.53	10111317.53	5004440.805	10542349.51	3219970.888
Com_9687_po:Kojic acid	C6 H6 O4	142.02429	1.197	143.03098	No results	Invalid mass	No results	3312139.536	16494982.57	11770053.34	21879118.99	10651455.66	9988430.557	4894217.438
Com_9813_po:WLK	C23 H35 N5	445.26853	5.112	446.27615	Full match	No results	No results	1074571.152	8604603.947	1872043.02	2034576.092	1170629.563	1228944.456	810824.5962
Com_9994_po:(2E)-6-hydr	C15 H20 O3	270.12135	1.503	271.12863	Invalid mass	No results	No results	10143075.24	5161445.875	7431569.997	11387821.46	9622964.034	11884644.93	8867458.175
Com_10115_p:FNK	C19 H29 N5	203.60817	4.818	204.61542	Invalid mass	No results	No results	2525928.569	2350450.686	3009981.628	3002552.405	1625739.027	2941925.987	2248683.843
Com_10116_p:Nor-9-carbo	C21 H28 O4	344.19821	5.855	345.20529	No results	Full match	No results	5793853.971	12765412.65	8394630.851	9649234.189	6357493.492	5350107.783	8483116.739
Com_10175_p:PC (3:0/13	C24 H46 N O	507.30593	5.165	508.3132	No results	Invalid mass	No results	871237.0086	1328251.684	3973643.467	1224474.147	1699901.189	1006825.05	476228.1995
Com_10233_p:Oxolamine	C14 H19 N3	245.14902	4.731	246.1563	Invalid mass	No results	No results	937052.486	993936.7216	892095.8007	410897.9496	552727.1191	869804.3916	257523.9008
Com_10294_p:VQH	C16 H26 N6	382.19647	4.779	383.20352	Full match	No results	No results	5297837.244	8787454.444	4357201.016	3421529.174	6518325.506	4444020.479	3599541.787

Com_10320_p(1-hydroxy-1-C18 H20 O5	338.11486	6.358	339.12173	Invalid mass	No results	No results	6546815.249	10629379.29	2998673.664	7699914.36	5189807.977	3778304.439	10566573.59
Com_10333_p(ethyl 4-methyl C11 H12 N2 O	236.06242	1.179	237.06996	Full match	No results	No results	3337372.435	5956396.484	2896338.549	2617648.107	4017161.362	4206320.93	2054939.414
Com_10384_p(PC (18:4e/2:C28 H50 N O)	543.33283	9.017	544.34021	No results	Full match	Full match	2925469.623	14774472.33	5025821.529	6938504.99	2726183.47	7777551.813	6592287.783
Com_10388_p(1-(1-benzyl)C21 H27 F N2	374.18345	5.454	375.19116	Full match	No results	No results	8733735.594	7476090.601	9441937.581	15505591.72	11196560.95	11088103.62	12005782.86
Com_11040_p(4-(beta-D-Glc)C11 H18 O8	300.08173	5.354	301.08942	Invalid mass	No results	No results	2788993.645	2842618.232	2040127.192	13593054.3	7169988.282	5448531.005	11055421.69
Com_11069_p(N-Acetyl-DL-C13 H14 N2 O	246.09967	5.577	247.10669	No results	Full match	Full match	1521201.092	1811477.106	4443326.089	6946457.475	5639458.707	6127639.388	3100837.095
Com_11163_p(Ethyl oleate)C20 H38 O2	310.28628	6.584	311.29315	No results	Full match	Full match	8405054.251	6114138.785	1846331.582	1743180.423	7512265.845	8672115.134	484481.6185
Com_11408_p(1-(7-methoxy)C17 H18 O6	340.09218	5.219	341.09961	Invalid mass	Unused	No results	8131776.312	3748794.15	3910920.924	3119637.124	11977797.46	7282993.224	994516.2026
Com_11425_p(Fluprosteno)C26 H36 F3 N	553.21686	8.332	554.22418	No results	Invalid mass	No results	300452.1353	385799.8419	245838.5268	414529.1059	329559.8626	332358.0322	434786.9863
Com_11445_p(Ergosterol C28 H44 O	396.33987	7.58	397.34616	No results	No results	Full match	8075970.568	6695862.107	5030055.322	5579003.009	4591047.865	5826822.58	3504570.178
Com_11496_p(IQH C17 H28 N6 O	396.21284	4.817	397.22025	Full match	No results	No results	990046.5295	1692525.655	1346795.232	1141113.682	919168.2542	1004952.762	531750.8216
Com_11545_p(Carnosine C9 H14 N4 O2	226.10673	1.249	227.11389	No results	No results	Full match	4835508.035	5994554.878	4108131.323	3511237.61	4520549.72	4530651.884	6611162.07
Com_11576_p(N,N'-Di-2-nitro)C26 H20 N2	360.16525	5.798	361.17267	Invalid mass	No results	No results	5299804.398	1112838.965	2057039.75	7533293.631	3297626.387	3511313.505	1762389.527
Com_11594_p(Adipamide C6 H12 N2 O2	144.08987	1.261	145.09692	No results	No results	Full match	7910316.163	5472330.469	3419512.789	2129294.962	4956997.739	3049257.949	4401978.349
Com_11684_p(2-hydroxy-6-C22 H30 O3	342.21973	7.305	343.22723	Full match	Invalid mass	No results	6142769.824	5533920.44	5897101.771	7334094.63	4659263.427	6383746.32	7555739.892
Com_12025_p(2-benzyl-6-C14 H17 N O2	231.12587	6.496	232.13313	Full match	No results	No results	3192470.764	11611814.2	1861370.274	6224233.011	3358466.55	1803289.814	7744249.384
Com_12036_p(Methysticin C15 H14 O5	274.08406	5.632	275.09146	No results	Full match	No results	4080518.335	6217642.713	7209177.968	4609544.516	4311133.07	8536717.843	9632106.039
Com_12057_p((6R,S)-5,1(C20 H21 N7 O	455.15434	4.855	456.16162	No results	Full match	No results	7412269.565	496861.2136	374738.6975	401864.9069	429331.9869	2903723.83	301834.6763
Com_12104_p(1-(2-pyridin)C15 H11 N3 O	249.08612	3.88	250.09343	Invalid mass	No results	No results	2287614.031	2050471.537	2378203.049	11515315.47	3204822.571	3756338.895	6178310.239
Com_12155_p(2-methyl-6-C19 H15 N O2	359.0625	1.355	360.06958	Invalid mass	No results	No results	2249327.268	1188013.353	2441046.686	3552051.217	3027051.881	2110279.575	9480207.845
Com_12327_p(7-Ketochole)C27 H44 O2	400.33387	8.175	401.34088	No results	No results	Full match	6618574.24	8116014.329	5885132.078	7856255.703	4614022.995	5723104.452	5886401.997
Com_12484_p(4-bromo-1-(C13 H14 Br O	375.9697	1.272	376.97757	Invalid mass	No results	No results	891255.1124	6894467.067	4569552.049	1504793.972	2937203.429	3634623.215	317763.1309
Com_12503_p(Lysog 18:1 C24 H47 O9 F	510.29578	7.773	511.3031	No results	No results	Full match	6985115.253	2380106.013	4984238.812	6711594.924	3627733.755	4051483.001	2295387.419
Com_12643_p(Andrographol)C20 H30 O5	372.19151	6.527	373.19894	No results	Invalid mass	No results	2131313.316	4340648.071	8850181.808	5741801.988	1887263.599	2218293.859	2603365.629
Com_12700_p(ACar 18:0 C25 H50 N O2	427.36633	7.987	428.37399	No results	Invalid mass	No results	3037437.738	10610966.29	4216841.553	2924983.914	1916512.545	1522712.336	2684352.089
Com_12753_p(T-2 Triol C20 H30 O7	382.19771	6.656	383.20422	No results	Full match	No results	474732.234	2716492.275	599717.6883	10762019.43	1494423.659	492796.0412	8749828.904
Com_12803_p(LPH C17 H27 N5 O	730.42046	5.395	731.42712	Invalid mass	No results	No results	1766975.375	2935900.028	2355253.719	2706837.035	3259952.431	2522381.41	1599944.839
Com_12806_p(N-[5-(tert-butyl)C15 H16 F3 N	343.1204	5.174	344.12784	Invalid mass	No results	No results	1838392.973	3650322.177	1808079.677	2347167.235	1659017.586	1858547.037	2581668.627
Com_12917_p(SKK C15 H31 N5 O	343.21635	5.107	344.22375	Invalid mass	No results	No results	863376.2165	1098908.096	779452.6571	728585.7043	753324.437	714107.5184	493625.9083
Com_12956_p(4-hydroxy-3-C12 H14 O3	206.09391	6.523	207.10135	Full match	Invalid mass	No results	1031365.46	1068506.06	1323400.591	1777904.76	908227.5974	1107298.486	4017031.923
Com_13060_p(Hypotaourine C2 H7 N O2 S	109.01981	1.262	110.02708	No results	No results	Full match	521013.9065	1724645.868	311688.8443	311668.0472	414209.8668	407175.4738	8419341.802
Com_13275_p(Boldione C19 H24 O2	284.17778	5.822	285.18527	No results	No results	Full match	6320316.352	4930178.526	4413630.645	4892872.134	6368711.312	6509346.851	3369961.671
Com_13344_p(P-Hydroxyber)C7 H6 O2	122.03438	1.185	123.04165	No results	Invalid mass	No results	3042437.301	9629802.354	6399588.105	14637554.33	7072651.528	7761993.523	4235914.402
Com_13375_p(2-Naphthol C10 H8 O	144.05694	6.672	145.06421	No results	No results	Full match	4310953.457	2401203.051	2551506.441	4305718.576	2449559.637	2930302.922	2872665.642
Com_13380_p(1,2-dihydro)C19 H34 O4	348.22835	7.294	349.23563	Invalid mass	No match	No results	3718350.493	9691710.804	6891033.914	8174611.958	9988275.542	6543524.359	5780308.185

Com_13520_p(TrimethyllycC9 H21 N2 O)	189.1599	9.789	190.16718	No results	No results	Full match	6101874.954	6479939.96	2288049.985	3499245.049	7808940.633	6140122.973	2800108.634
Com_13593_p(Fumonisin B1C34 H59 N O)	721.38824	5.732	722.39484	No results	Full match	No results	5804813.324	4013049.799	2868915.236	1481101.894	10112238.97	5244867.511	471671.3005
Com_13792_p(PC (14:1e/2:C24 H48 N O)	493.3171	8.57	494.32401	No results	Full match	Full match	1953399.713	9162278.998	1530451.276	813758.9206	2845377.596	4540526.797	5254304.213
Com_13817_p(PC (2:0/13:1C23 H44 N O)	493.27196	5.852	494.27924	No results	Invalid mass	No results	735544.3437	1136042.356	743370.1723	1579375.152	829163.535	822618.6876	809622.8685
Com_13834_p(Diosgenin C27 H42 O3	396.30167	8.075	397.30826	No results	Invalid mass	No results	5852907.016	3238911.064	3351249.448	2879686.804	3339003.513	3751845.992	3037781.403
Com_13844_p(Dulcitol C6 H14 O6	182.07915	1.411	183.08635	No results	No results	Full match	4592073.958	1863624.204	2686749.977	3582992.095	3027826.897	3914837.528	1764358.24
Com_13891_p(Ergosterol C28 H44 O3	428.32845	6.863	429.33572	No results	Full match	No results	5794518.538	2387338.851	3163477.828	2694271.799	1929106.317	2118077.077	1535111.015
Com_14115_p(Ip7G C16 H23 N5 O	365.16903	1.413	366.17615	No results	No results	Full match	3531700.973	3164835.776	2970552.786	4396649.976	3330835.59	2968200.616	2829442.839
Com_14125_p(N-cyclohexylC25 H28 N2 O	388.21383	8.17	389.22156	Full match	No results	No results	4716421.734	2988604.301	2825473.676	6618292.105	3543106.422	2178220.014	6563061.476
Com_14216_p(3-hydroxy-3, C20 H22 O7	374.13557	5.823	375.14233	Full match	No results	No results	1145289.337	1231169.419	905042.9744	2419608.911	2244304.05	1260751.661	2898956.107
Com_14408_p(MPK C16 H30 N4 O	356.18813	5.009	357.1954	Invalid mass	No results	No results	1886003.982	3469866.434	2222705.967	1516956.345	1568498.285	1600968.924	499164.5764
Com_14466_p(TryptophanolC11 H14 N2 O	190.11075	5.192	191.11803	No results	No results	Full match	4631754.171	3502603.851	3098700.866	4539433.43	4756904.182	4297179.424	3342941.873
Com_14573_p(3-(dimethylC15 H16 N2 O	256.12064	5.809	257.12787	Full match	No results	No results	5316227.348	2659555.694	3200154.119	5519825.437	3639269.765	4801443.678	2385678.528
Com_14599_p(Alternariol C14 H10 O5	258.05716	1.198	259.06436	No results	Invalid mass	No results	249608.063	2740911.068	1259716.226	1190006.669	1453088.626	890549.5304	350894.9672
Com_14623_p((5E)-7-methylC15 H24 O3	274.15703	6.046	275.16431	Invalid mass	Invalid mass	No results	3218262.083	3432531.864	3803294.416	5099056.066	3266831.905	3321095.389	6845547.476
Com_14726_p(N'-[6-(tert-C18 H20 N4 O	322.11965	6.803	323.12708	Invalid mass	No match	No results	2396654.368	8123485.99	1318889.025	2481138.681	2214981.112	996908.8002	6641847.994
Com_14750_p(2,6-di[2-ch]C24 H26 Cl2	428.14358	5.793	429.15091	Full match	No results	No results	284228.9766	304174.8582	330065.4278	482933.8582	571391.8696	305343.3054	748553.3063
Com_14825_p(PC (14:1e/3:C25 H50 N O)	507.33262	9.24	508.33997	No results	Full match	No results	234739.9175	4735241.247	642153.4369	642562.3724	684323.6963	1146591.842	6659473.426
Com_15054_p(KMH C17 H30 N6 O	396.20018	4.857	397.20779	Invalid mass	No results	No results	4497654.818	3576635.234	2886760.47	8498223.199	7160670.204	6824502.2	4287950.785
Com_15073_p(Fisetin C15 H10 O6	286.05068	1.13	287.05795	No results	Invalid mass	No results	4156733.093	2141975.998	2282646.657	2323814.601	4912473.095	2591506.568	1615004.086
Com_15205_p((2E,4E)-N-(C16 H29 N O	251.22463	9.935	252.2319	Full match	No results	No results	4897265.385	1612901.235	1495996.822	1815325.9	4510618.644	5122937.07	617559.6298
Com_15287_p(L-arginine C6 H14 N4 O2	174.11185	4.025	175.11913	No results	No results	Full match	711435.4306	1142397.534	1018593.379	687251.7628	877832.0804	779970.8822	609302.3675
Com_15498_p(6-Methoxy-2-C12 H10 O3	202.06359	1.107	203.0708	No results	No results	Full match	4590275.841	4291563.793	3180659.766	8001396.137	3943452.175	5267940.413	5807966.607
Com_15564_p(2-AminobenzC6 H7 N O3 S	173.01456	5.178	174.02184	No results	No results	Full match	944619.2851	2365451.821	1720582.429	2354066.491	2110210.863	2644053.926	1725781.172
Com_15740_p(PC (18:1/18:C44 H84 N O)	785.59203	10.039	786.5993	No results	Full match	No results	224510.9738	1489249.88	999183.101	946401.1104	616073.4642	470434.2325	5909046.197
Com_15781_p(PC (7:0/7:0)C22 H44 N O)	481.28665	8.816	482.29382	No results	Invalid mass	No results	1190905.855	1188885.624	950118.3215	1405846.918	563405.0694	843396.8952	1271336.214
Com_15865_p(FRH C21 H30 N8 O	458.24095	9.464	459.24899	Full match	No results	No match	333145.3596	7014461.42	1380793.628	271902.1422	939372.953	1018146.202	5058388.818
Com_15994_p(NorverapamilC26 H36 N2 O	440.27529	6.537	441.28247	No results	Invalid mass	No results	2008197.236	1582192.494	5711707.153	3351245.43	7195094.134	2842351.858	2934013.922
Com_16087_p(KNK C16 H32 N6 O	388.24352	4.72	389.25079	Full match	No results	No results	1518278.072	6142466.996	2673486.602	823126.0351	1558500.369	1314927.097	977359.791
Com_16154_p(Citrinin C13 H14 O5	250.08837	1.413	251.09564	No results	Invalid mass	No results	3205348.258	3389917.688	3001975.928	6192651.992	3041724.066	3821005.982	5626497.3
Com_16257_p(DPK C15 H26 N4 O	336.20368	5.005	359.1929	Invalid mass	No results	No results	3397920.752	1289853.504	1770993.87	1256146.49	1240873.395	1266561.63	600107.9716
Com_16321_p(17alpha-EthiC20 H24 O2	296.17869	5.167	297.18594	No results	No results	Full match	833575.4253	1114779.749	1234165.996	1038381.34	1086729.406	1064683.251	810193.9356
Com_16502_p(N-[3-(1H-imidC13 H12 F3 N	359.08201	5.932	360.08902	Invalid mass	No results	No results	2366109.189	2405340.597	1880155.344	3184339.546	7005055.031	2380131.145	631564.1053
Com_17028_p(cyclohexylC21 H26 N4 O	382.20167	9.391	383.20847	Full match	No results	No results	243485.4291	6095543.009	4056095.105	862602.9641	3244499.85	396658.9453	3355994.951
Com_17086_p(Celastrol C29 H38 O4	450.27773	7.341	451.285	No results	Full match	No results	844841.779	1393355.252	1641538.295	1401778.303	1025535.669	1219813.931	1194572.587



Com_17224_p( D-α-Tocopherol C29 H50 O2	430.38107	9.944	413.37708	No results	Full match	No results	3821698.464	3989201.942	1966621.843	4196605.836	4852965.903	2172000.696	1551757.822
Com_17546_p( 2-(14,15-Epoxycyclohex-2-en-1-yl)ethanol C23 H38 O5	394.27278	7.58	395.27936	No results	Full match	Full match	3676032.232	3310412.888	2444063.084	2272769.805	3009754.375	5259560.216	2346264.285
Com_17901_p( Lactobionic acid C12 H22 O12	358.11152	1.44	359.11874	No results	No results	Full match	3517067.084	1515705.746	2802697.387	3425733.069	4302242.519	5094278.622	2710196.685
Com_18016_p( 2'-Deoxyadenosine C10 H14 N5 O4	331.06801	4.749	332.07529	No results	Full match	Full match	284859.1446	235784.7861	361915.7062	273617.106	239107.156	221795.0287	1263624.953
Com_18227_p( Flunitrazepam C16 H9 [2]HCl	316.10555	4.841	317.11191	Full match	No results	No results	888404.9277	810940.5396	914746.0425	3908929.406	5678954.266	1854781.383	1591990.551
Com_18372_p( 4-ethoxy-N-(1-cyclohexylethyl)benzamide C16 H17 N O2	255.12563	5.157	256.13309	Full match	No results	No results	3328254.347	1999093.451	2312929.353	5276777.971	1265934.867	3185133.746	328963.2591
Com_18438_p( Thromboxane C20 H34 O6	408.19058	7.613	409.19836	Invalid mass	No results	No results	450316.9282	5146790.891	1816281.444	866887.6673	1253849.246	1182109.281	168680.7541
Com_18519_p( Oxymatrine C15 H24 N2 O	264.18331	5.293	265.19058	No results	Full match	No results	1655887.275	2931947.903	3143932.754	7565735.339	3999018.994	5070722.313	3241623.3
Com_18633_p( 7-(3,4-dihydroxyphenyl)propanoic acid C19 H22 O5	352.1343	8.001	353.14142	Invalid mass	No results	No results	568313.2616	5022073.038	2199851.333	1962220.082	2259802.439	1119248.872	3805546.753
Com_18672_p( 1-(4-benzoyloxyphenyl)ethane C20 H20 O2	400.22376	5.83	401.23141	Invalid mass	No results	No results	3209055.606	1935419.389	1863670.068	5586743.308	2890702.794	2866113.521	1684948.027
Com_18818_p( 6-Ketoprostaglandin C20 H34 O6	196.10801	6.865	393.22299	No results	Invalid mass	No results	3152613.803	2530540.012	2304595.161	3161131.608	2213918.603	2959875.636	2678922.447
Com_18990_p( D-Gluconic acid C6 H12 O7	196.05864	1.101	197.06592	No results	No results	Full match	452093.4748	176143.264	782466.6686	1784849.638	952542.6476	3946752.865	2086893.828
Com_18994_p( 5-hydroxy-6,11-dihydro-5H-benzofuran C17 H14 O5	280.07189	5.608	281.07874	Invalid mass	No results	No results	3094523.384	2667743.248	3401495.005	6380358.068	3462551.832	3850522.287	1920439.927
Com_19019_p( Stearoyl ethyl ether C20 H41 N O2	327.313	7.367	328.32056	Full match	No results	No results	1486047.947	4807541.533	1706260.087	1397103.617	2519181.039	1610865.051	2092220.264
Com_19113_p( (2E)-N-(4-aminophenyl)acetamide C16 H22 N2 O	328.14064	5.726	329.14792	Invalid mass	No results	No results	2402339.816	2437632.257	3008337.003	4239141.308	2471248.083	2336808.625	2247329.658
Com_19254_p( 1,7-bis(4-hydroxyphenyl)heptane C19 H22 O3	298.1556	5.69	299.16287	Full match	No results	No results	1506099.419	1199638.059	3870078.197	5198522.186	2084187.298	2706247.054	2716818.593
Com_19373_p( 3,5-Diiodo-L-tyrosine C15 H13 I2 N O	524.89122	1.221	525.8985	No results	No results	Full match	105994.4862	4602150.555	1541060.977	719470.1697	795682.6946	434377.4173	109318.6607
Com_19487_p( Jervine C27 H39 N O2	443.30295	6.881	444.3093	No results	Invalid mass	No results	359393.758	250848.1931	379149.714	285886.8752	269955.2327	261529.5334	300498.423
Com_19603_p( 2,3-dihydroxybutane C17 H34 O4	324.2274	8.706	325.23468	Invalid mass	No results	No results	40986.10688	664631.4855	953378.6669	479260.4757	4812023.609	350761.2244	312566.4642
Com_19679_p( VPH C16 H25 N5 O	702.37723	4.666	352.19589	Invalid mass	No results	No results	892343.553	826026.1076	894914.5121	534248.1938	4768892.404	491668.4528	328431.2474
Com_20121_p( 3-phenyl-5-hydroxy-1H-imidazole C10 H6 N4 O	252.00774	5.591	253.01527	Invalid mass	No results	No results	1850892.203	3067788.101	2014575.505	3341627.505	1833677.114	1682448.009	3486570.801
Com_20244_p( 2-(1H-benzimidazol-2-yl)ethane C17 H11 N3 O	267.09712	1.425	290.08633	Invalid mass	No results	No match	2655500.619	1672800.537	1616606.849	3259671.539	1579863.725	2457048.229	2061291.138
Com_20282_p( Monolaurin C15 H30 O4	296.19636	7.928	297.20346	Invalid mass	No results	No results	359649.9652	3155495.909	3413516.348	1807933.389	4109335.161	3029767.941	500929.3918
Com_20367_p( Sulfamethazopyridine C12 H14 N4 O	278.07864	5.863	279.0863	No results	Invalid mass	No results	1619678.482	2096132.438	1597252.102	3607780.847	2662484.745	2211066.42	2244053.102
Com_20654_p( FMK C20 H32 N4 O	446.19609	7.3	447.20313	Invalid mass	No results	No results	1871624.511	2702176.696	2584690.319	2022682.553	1711017.284	1378091.397	1370691.134
Com_20851_p( Strophanthin C23 H32 O6	404.21715	6.623	405.22443	No results	Invalid mass	No results	2455804.984	1991075.561	2742343.969	2636748.443	2559150.471	3051006.11	1806760.097
Com_21416_p( YLH C21 H29 N5 O	414.18984	5.179	415.19711	Invalid mass	No results	No results	538280.3878	1623989.692	2320725.563	1964329.294	1198739.643	1144182.677	1086674.369
Com_21540_p( Pleuromutilin C22 H34 O5	416.18805	6.03	417.19559	Invalid mass	No results	No results	202605.7775	156693.0005	165034.1464	256858.0165	189484.1163	187967.4974	262807.4755
Com_21811_p( TKK C16 H33 N5 O	357.23391	5.166	358.24146	Invalid mass	No results	No results	404723.474	541255.799	589116.0229	503968.6232	523095.7425	516932.5907	389808.2216
Com_22036_p( Sodium Dehydrocholic acid C24 H33 Na O	424.22412	6.354	425.23129	No results	No results	Full match	2105189.964	1369978.277	1437708.674	2038645.101	1304398.463	1349319.069	1016076.378
Com_22112_p( 5α-Tetrahydrocorticosterone C21 H34 O5	388.21504	7.335	389.22232	No results	Invalid mass	No results	871422.966	1161140.916	848844.8445	1115673.932	687042.3114	450484.6833	1467928.689
Com_22222_p( beta-Estradiol C20 H26 O3	314.1884	6.215	315.19568	No results	No results	Full match	2054965.273	1653029.505	1579805.361	3513967.882	1874337.81	2284842.708	1784727.167
Com_22589_p( DKK C16 H31 N5 O	389.22484	4.842	390.23212	Invalid mass	No results	No results	1952145.727	65028.80844	57994.81283	75833.79681	71697.87762	195712.9873	42842.0286
Com_23025_p( Phylloquinone C31 H46 O2	450.34971	7.849	451.35632	No results	No results	Full match	1831137.89	1137084.685	1413594.07	3910156.358	1443252.32	1370646.409	1913340.226
Com_23128_p( 4-methylphenol C14 H16 N2 O	260.09468	5.794	261.10202	Invalid mass	No results	No results	944699.0245	1883227.85	1766421.16	4214534.198	2172092.118	2218415.176	2079631.27

Com_24133_p	10-Nitrolinc	C18 H31 N O	360.25697	6.852	361.26422	No results	Invalid mass	No results	907777.4758	1148381.338	2005725.062	565681.3235	622124.8499	638207.4381	645418.2547
Com_24271_p	Gluconolact	C6 H10 O6	178.04792	1.318	179.05531	No results	No results	Full match	574454.8044	329466.1203	354087.867	381938.6008	439499.3249	409832.6068	374669.3398
Com_24556_p	Kanosamine	C6 H13 N O5	380.13619	5.663	381.14346	No results	Invalid mass	No results	1455484.621	799987.4431	1024112.029	2108582.635	1478001.767	1756157.42	687193.8071
Com_25902_p	DY131	C18 H21 N3 O	311.16313	5.104	645.31549	No results	No results	Full match	143833.3282	262857.8326	381510.6204	164068.6542	169639.5164	154764.0232	109673.2461
Com_26100_p	Folic acid	C19 H19 N7 O	441.13777	5.15	442.14505	No results	No results	Full match	1075386.422	374203.3308	396827.705	901189.7932	739806.2323	1310752.084	271749.4376
Com_26137_p	2-Methoxyest	C19 H26 O3	302.18803	6.125	303.19495	No results	No results	Full match	1066463.992	1185978.637	715521.5471	1317231.502	897996.7152	1063076.696	772786.8211
Com_26554_p	N alpha-Acet	C8 H16 N4 O	216.12151	5.155	217.12878	No results	No results	Full match	964593.8627	385048.4289	389928.3049	354701.6137	418106.5509	703380.7882	279843.5317
Com_26663_p	Berberine	C20 H17 N O	335.11871	5.427	336.12589	No results	Invalid mass	No results	795985.23	609160.9241	822189.8985	1506386.074	925902.7451	963992.6215	1208485.574
Com_27417_p	Spectinomyci	C14 H24 N2 O	364.18556	6.842	365.19284	No results	Invalid mass	No results	249659.7443	128081.3459	222462.8544	213233.9904	1148413.014	377611.1495	180459.4761
Com_27794_p	LysoPC 20:2	C28 H54 N O	547.364	9.775	548.37128	No results	No results	Full match	526223.4757	175070.3914	36411.11596	28570.82646	66858.95826	280299.2228	47279.76186
Com_27871_p	5-[(8Z,11Z)-	C21 H32 O2	316.23882	7.556	317.24609	Full match	Partial match	Full match	481557.5286	87158.32404	32043.42672	228991.3922	157371.7754	296191.1641	210104.3675
Com_27885_p	Palmitoyletl	C18 H37 N O	299.28203	6.196	300.28931	No results	No results	Full match	172791.221	109518.9571	244131.3596	148257.1257	162925.9225	900208.6112	103548.5447
Com_27994_p	Diflorasone	C22 H28 F2 O	410.19182	6.298	411.1991	No results	No results	Full match	400466.2003	42659.045	43697.67886	57551.81053	45565.83527	48847.10192	43432.5437
Com_54_pos	Isoleucine	C6 H13 N O2	131.09455	2.759	132.10182	Full match	Not the top	hFull match	1737418708	3949702656	2314989827	1488322504	2774593797	1959223034	2196087352
Com_118_pos	Dl-3-Hydroxy	C5 H11 N O3	133.07388	1.306	134.08104	No results	No results	Full match	1340079693	1533532925	1325490789	1252332103	1571115022	1890677210	1894109238
Com_372_pos	Ala-Ile	C9 H18 N2 O	202.13168	5.063	203.13908	No results	Full match	Full match	203620401.6	220888439.1	191120056.2	68942308.26	233678345.6	185384170.8	42357735.47
Com_400_pos	Oxaceprol	C7 H11 N O4	173.06884	1.451	174.07617	No results	No results	Full match	156845880.2	241724885.5	127423928.3	265370921.2	305928856.3	177769916.8	534070318.7
Com_431_pos	gamma-Glutan	C11 H20 N2 O	260.13703	5.095	261.14401	No results	Full match	Full match	162339552.5	204452558.5	138496448.1	90364449.26	208480736.5	107822157.4	94274058.8
Com_436_pos	(5-L-Glutam	C8 H14 N2 O	218.09023	1.413	219.09752	No results	No results	Full match	445368914.3	148317680.7	240856205.4	172601661.4	320620811.5	325856272.2	87226134.02
Com_528_pos	Thr-Leu	C10 H20 N2 O	232.14211	4.998	233.14955	No results	No results	Full match	124776043.9	308876571.8	229559725.9	47803402.77	122354891.4	57877899.44	58778940.34
Com_530_pos	4-Hydroxyis	C6 H13 N O3	147.08935	1.422	148.09676	No results	No results	Full match	90410761.18	234688003.4	254218161.1	396142681.2	523914478.1	607443708.3	274888394.2
Com_558_pos	Homogentisi	C8 H8 O4	168.04235	1.378	169.04961	No results	No results	Full match	345015152.2	59692198.67	238297276.9	201092905.3	206502641.9	203288088.9	182328295.5
Com_613_pos	N-Acetylhist	C8 H11 N3 O	197.08	1.415	198.08733	No results	Full match	Full match	304962203.6	43017643.37	40064271.06	52377652.29	53750494.76	416197862.6	44403520.23
Com_659_pos	5-Hydroxyinc	C8 H7 N O	133.05222	5.647	134.05949	Full match	Not the top	hFull match	287518492.1	121315544.9	160424983.4	180906106.6	32737493.76	528599678.9	41844107.65
Com_676_pos	Nicotinuric	C8 H8 N2 O3	180.05372	1.363	181.06088	No results	No results	Full match	273780808.1	32210189.72	23304008.84	1990330.221	1679709.653	388082812.8	30009817.79
Com_684_pos	Taurodeoxycl	C26 H45 N O	499.29659	6.069	500.30371	Full match	No results	Full match	42198806.45	24329641.68	13044479.82	19509505.79	25317045.11	24235221.98	34360027.81
Com_690_pos	3-Nitro-L-Ty	C9 H10 N2 O	226.05891	1.418	227.06609	No results	No results	Full match	171815943.3	186691448.1	184819391.6	190549231.1	249011946.5	200375389.7	344754502.9
Com_761_pos	3-[4-methyl-	C15 H24 O4	268.16699	5.631	269.17471	Full match	No results	No results	244496481.9	97513170.21	104732049.7	224716901.8	149241313.8	226950771.2	100252693.9
Com_910_pos	N-acetyl-L-	C7 H14 N2 O	174.10043	1.416	175.10779	No results	No results	Full match	196286785	42466651.84	54122499.16	53775941.55	98350170.73	105396063.7	38794991.64
Com_913_pos	L-lysine	C6 H14 N2 O	146.10537	1.408	147.11267	No results	No results	Full match	144365781.9	20637794.54	20942205.02	35534473.66	33214327.93	36261396.99	25796340.72
Com_920_pos	Nicotinamid	C6 H6 N2 O	122.04793	1.419	123.05533	No results	No results	Full match	104687075.6	84027780.77	42368636.5	89159448.61	82144301.73	91752257.65	200322633.3
Com_1029_po	13-HPODE	C18 H32 O4	312.23005	7.154	335.21948	No results	No results	Full match	43049997.89	264810302.2	200055735.8	58198067.25	121616769.9	81196250.54	133703452.1
Com_1054_po	5-Methyluri	C10 H14 N2 O	258.08538	1.408	259.09268	No results	No results	Full match	164827570.1	124184339.7	139373321.8	144903773.5	153520561.6	121068984.8	116524355.3
Com_1102_po	Asp-Phe metl	C14 H18 N2 O	294.12134	5.187	295.12891	No results	No results	Full match	45926751.41	69738753.2	63137914.48	51348602.69	52448395.24	35786692.15	56736739.41
Com_1108_po	MAG (18:3)	C21 H36 O4	352.26116	7.816	353.26846	No results	No results	Full match	6515924.83	244611884.7	122047179	69366789.65	92393488.91	16196834.7	54924228.61

Com_1142_po: 2-Deoxyuridic C9 H12 N2 O6	228.07454	1.416	229.08188	No results	No results	Full match	151400499	85071821.71	70024802.87	195563802.3	142472398.4	175070619.9	152117909.7
Com_1175_po: Androsterone C19 H30 O2	272.21389	6.775	255.21085	Invalid mass	Invalid mass	No results	109409633.6	98994436.21	161550023.9	119939604.2	103550807.5	150970015.3	78844253.88
Com_1271_po: Tyramine C8 H11 N O	137.08394	2.534	138.09122	No results	No results	Full match	31645918.38	95525985.7	38947613.15	27384269.07	30116561.62	25431278.85	15947335.2
Com_1273_po: Boc-beta-cy C9 H14 N2 O4	214.0954	4.899	215.10289	No results	No results	Full match	121231989.4	92240716.32	99303425.92	136042953.4	118361456	134664659.5	151320902.3
Com_1285_po: o-Phospho-L-C3 H8 N O6 F	185.00907	1.275	186.01622	No results	No results	Full match	134424394.6	16239903.61	21148745.98	10133903.61	39078730.26	120699071.7	3924305.4
Com_1595_po: Ala-Gln C8 H15 N3 O4	217.10626	1.376	218.11349	No results	No results	Full match	107277529.9	71644763.56	58811711.94	52133644.9	84616674.76	63062984.64	45094387.29
Com_1817_po: 2'-Deoxycytid C9 H13 N3 O4	227.09039	1.417	228.09749	No results	Full match	Full match	69038910.72	39468651.76	62433663.52	98614076.07	81125659.96	76543107.18	121536295.8
Com_2065_po: o-Cresol C7 H8 O	108.05749	8.115	109.06468	No results	No results	Full match	42955005.89	44466645.97	45244624.33	49431415.45	44431894.01	50247974.26	59063619.08
Com_2086_po: Lysop 18:1 C23 H46 N O7	479.30121	6.655	480.30832	No results	No results	Full match	27165178.64	16516973.41	3201452.449	29365566.41	17221532.32	25708277.81	45383327.98
Com_2204_po: 4-Butylresor C10 H14 O2	166.09937	5.532	167.10678	No results	No results	Full match	76231128.76	66000117.82	71903120.67	127448417.5	87113215.64	135104860.2	66212722.18
Com_2245_po: alpha-Lactose C12 H22 O11	359.14256	1.348	360.1503	Invalid mass	Invalid mass	No results	60598763.85	27752477.81	94429677.06	52986761.07	124964198.1	74346362.24	22724559.58
Com_2307_po: 1-(4-Methoxy C10 H12 O2	164.08353	5.53	165.09097	No results	No results	Full match	66661667.51	52620228.16	92947338.52	143407458.3	103896265.5	120550376.2	67603745.57
Com_2417_po: L-Adrenaline C9 H13 N O3	183.08944	5.329	184.0968	No results	No results	Full match	24525429.11	50679763.7	28010737.87	48429016.77	31917373.62	32042539.42	29586838.72
Com_2426_po: Chenodeoxychl C30 H48 O10	568.32462	6.294	569.33221	No results	No results	Full match	3514447.129	3430124.688	3450836.584	6972874.323	2830854.487	3287314.655	6545637.273
Com_2497_po: all-cis-4,7,C22 H34 O2	312.24477	6.77	313.25217	Invalid mass	Invalid mass	No results	29850078.58	23743638.09	52552550.4	40555257.4	28458897.18	20994193.55	29689407.22
Com_2588_po: JNJ-1661010 C19 H19 N5 O	365.13198	1.393	366.13852	No results	No results	Full match	53812625.3	55845788.6	80711433.47	20725180.32	48668520.43	39909648.87	27490643.22
Com_2717_po: N-(5-Aminop C7 H16 N2 O	144.12619	1.448	145.13354	No results	No results	Full match	30365966.04	20470501.07	21207709.14	70071541.66	27985350.67	40421502.24	35449339.94
Com_2751_po: D-Glucosamin C6 H14 N O8	259.04579	1.328	260.05304	No results	No results	Full match	57769872.28	44842556.56	27065438.16	13595889.93	39635179.96	37991077.53	6020492.97
Com_2764_po: gamma-Glutan C10 H18 N2 O	278.09366	4.874	279.10089	No results	Full match	No results	24412352.84	43918902.47	21818639.33	6982163.075	23336743.86	22189192.79	17735729.7
Com_2907_po: Feruloyl Put C14 H20 N2 O	264.1473	5.481	265.15497	No results	No results	Full match	43843049.54	26570190.63	28678502.19	21999482.66	36209221.92	31768167.29	19331049.84
Com_2952_po: 5-Methylcyt C5 H7 N3 O	125.05897	1.414	126.06612	No results	No results	Full match	16787243.74	28707429.75	24482049.97	28110976.04	19494743.64	25136224.26	32201145.55
Com_3104_po: 10-Undecenoic C11 H20 O2	184.14628	6.424	185.15366	No results	No results	Full match	49378003.81	32701565.54	27329367.52	70760043.65	54410692.58	52520041.2	42870951.85
Com_3107_po: Dehydrochole C24 H34 O5	402.23855	6.345	403.24564	Invalid mass	Invalid mass	No results	49271561.23	38689097.35	40189484.64	49826701.94	41079543.73	55294657.63	6673963.943
Com_3277_po: Cycloctydid C9 H11 N3 O4	225.07492	1.426	226.08212	No results	No results	Full match	46004217.29	15669634.55	17119368.64	22214518.06	38589388.06	35778474.89	11208688.43
Com_3312_po: N-[4-(trif C17 H16 F3 N	290.09035	5.014	291.09827	Invalid mass	No results	No results	23607564.14	14993047.13	8032957.491	27726155.67	8992883.47	18401841.84	58893105.97
Com_3398_po: 1-Methylhist C7 H11 N3 O2	169.08468	1.41	170.09216	No results	No results	Full match	33374148.19	51507039.25	45398245.64	29899533.82	36552146.68	41049764.59	29300847.71
Com_3483_po: Purine C5 H4 N4	120.04363	2.834	121.05087	Full match	No results	Full match	22130075.99	976522.2882	1563039.072	1470706.581	3814579.98	20695580.61	344894.8281
Com_3501_po: Inosine C10 H12 N4 O	268.08097	4.956	269.08789	No results	No results	Full match	42334222.8	7375241.185	13800143.99	5256663.745	39089548.39	18396553.59	3201297.503
Com_3540_po: 4-Methoxycir C10 H10 O3	178.06251	5.492	179.06979	No results	No results	Full match	15483973.76	20748261.36	20640726.1	34252471.99	35818791.3	23804605.63	54171125.84
Com_3609_po: Asp-Phe C13 H16 N2 O	280.10503	5.336	281.1123	No results	No results	Full match	35967960.87	28356022.87	28441343.5	66374047.91	36800837.06	48303094.52	52978229.61
Com_3781_po: Epinephrine C13 H19 N O2	333.10586	1.436	334.11307	No results	No results	Full match	38870587.19	17478904.28	44824185.8	25266957.71	33486951.39	19013074	13473073.39
Com_4000_po: 2-(Dimethyl C12 H17 N5 O	311.12155	1.441	294.11823	No results	No results	Full match	22704010.47	24195747.66	26296432.12	47288738.39	40066698.87	30840967.31	33539738.47
Com_4169_po: Methyl alpha C7 H14 O6	194.07916	1.436	195.08653	No results	No results	Full match	29917232.58	14295936.29	17074522.39	43224212.6	32640078.01	16844463.05	13701812.49
Com_4459_po: L-beta-Imid C6 H8 N2 O3	156.05369	1.368	157.06099	No results	No results	Full match	22373920.26	6319737.332	10400426.99	13918146.54	17068269.28	9584413.93	13680086.04
Com_4556_po: 5-Hydroxytry C11 H12 N2 O	220.08476	4.985	221.09187	Full match	No results	Full match	25476870.57	13285725.7	25125318.78	31831022.06	39203578.64	58143259.01	18241475.23

Com_4645_po:N4-AcetylcytC11 H15 N3 (	285.09562	1.416	286.10272	No results	No results	Full match	25637892.87	20020397.86	29685113.96	54457291.04	31297674.78	26789299.17	22027101.11
Com_4795_po:L-Leucyl-L-L-C9 H18 N2 O	202.13187	1.286	203.13902	No results	No results	Full match	28834935.34	2391800.265	3375407.095	2843756.776	13165767.65	16060655.37	5609071.21
Com_4906_po:L-Alanyl-L-I-C9 H19 N3 O	217.1428	1.232	218.15019	No results	No results	Full match	13917995.55	15956107.46	12035226.77	5032005.243	18006013.57	10489848.75	16614999.87
Com_5037_po:Delta-TridecC13 H24 O2	212.17766	8.733	213.18495	No results	No results	Full match	26959783.82	16133688.8	9591661.428	19777551.35	13671497.25	13219973.69	11000843.64
Com_5270_po:Methyltesto:C20 H30 O2	302.22444	6.823	303.23151	No results	No results	Full match	18553591.91	11654963.38	20500577.1	13611297.78	12127533.06	16350937.02	13160279.25
Com_5518_po:L-Glutamate C5 H9 N O4	147.05307	2.214	148.06035	No results	No results	Full match	23903803.42	7922531.809	11732213.8	9228977.478	12039718.69	21811313.63	4099327.507
Com_5636_po:Maltotetrao:C24 H42 O21	688.20294	1.403	689.21027	Invalid mass	Invalid mass	No results	1918181.005	19881633.69	25574356.23	54396681.89	22321802.27	13057306.7	3996710.334
Com_5875_po:Quinic acid C7 H12 O6	192.06404	1.33	193.07085	No results	No results	Full match	21842655.94	14898470.78	5419412.268	11363296.69	20530883.25	14754529.06	18732398.38
Com_5926_po:L-KynurenineC10 H12 N2 (	208.08474	4.772	209.09177	No results	No results	Full match	11011735.58	23083700.48	13057746.48	17007749.2	16509413.39	16794036.52	16582015.8
Com_6461_po:2-MethylbutC12 H23 N O	245.1627	5.209	246.1701	No results	No results	Full match	3802261.931	5972802.237	7909263.734	14680369.76	6510069.352	4846743.899	24706005.27
Com_6723_po:H-Gly-Pro-OH C7 H12 N2 O	172.08469	1.646	173.09195	No results	No results	Full match	16873303.66	23108968.09	22742260.83	24714384.06	24037054.86	19779017.74	8599227.878
Com_6764_po:Tyr-Tyr C18 H20 N2 (	344.13732	4.993	345.14468	No results	Full match	No results	2604063.765	4263015.982	2992754.773	3759752.768	2351893.162	3583397.087	2451802.44
Com_7511_po:Anserine C10 H16 N4 (	240.12175	1.408	241.1292	No results	No results	Full match	10614984	11933402.76	15948366.2	19192133.97	19123047.84	19440475.49	17209677.63
Com_7815_po:L-TryptopharC11 H12 N2 (	204.08939	5.679	205.09608	No results	No results	Full match	4785922.457	6557513.786	5360321.833	10316428.73	7209722.114	5618910.037	5728212.714
Com_7963_po:N-Acetyl-L-n C7 H13 N O3	191.06166	5.136	192.06923	No results	No results	Full match	14184865.65	8843745.261	8164471.056	15745548.91	16948229.07	8749643.564	14252274.35
Com_8377_po:2-HydroxybutC4 H8 O3	104.04731	1.331	105.05457	No results	No results	Full match	10958849.49	934606.3112	4921117.214	20952810.12	22058000.85	11761203.29	8134553.242
Com_9219_po:ProstaglandiC20 H32 O6	368.21955	6.651	391.20862	No results	No results	Full match	7344323.737	4683067.969	7776249.105	9962228.318	7723993.635	7994897.374	9589903.438
Com_9321_po:HydrocortisoC21 H30 O5	362.20796	6.821	363.21524	No results	No results	Full match	8859723.216	5157048.453	7003641.552	9230685.732	7056855.45	7371758.046	7886782.372
Com_9875_po:N2-MethylguaC11 H15 N5 (	297.10733	4.817	298.1145	No results	Full match	Full match	7403969.284	6862558.353	5540838.166	4939489.934	7922808.193	2543284.077	6557353.54
Com_10231_po:Lysopa 16:0 C19 H39 O7 F	410.24237	6.848	411.24887	No results	No results	Full match	9210695.439	2275259.138	2666084.159	7931844.68	2447548.427	2388221.933	10385428.1
Com_10307_po:2,3-Dinor-T)C18 H30 O6	342.20279	5.695	343.20984	No results	No results	Full match	9608039.516	8426587.865	9029188.651	13906263.15	10323801.68	7008848.335	9916513.266
Com_10730_po:LysoPC 12:1 C20 H36 N O	433.22125	5.343	434.22867	No results	No results	Full match	3680025.472	7403495.635	8612994.615	13252345.73	7539760.628	6966810.957	11631134.86
Com_10829_po:AdrenosteroC19 H24 O3	300.17229	5.647	301.17996	No results	No results	Full match	8161466.035	4856049.771	11336012.76	11837206.91	7803911.12	16683084.94	5124099.816
Com_12064_po:Thymopentin C30 H49 N9 (	679.36458	5.124	680.36975	No results	No results	Full match	601375.848	11536288.8	2335709.312	2341918.999	4248046.673	10672937.84	525381.5377
Com_12168_po:11-KetoetiC19 H28 O3	304.20367	7.773	305.21112	No results	No results	Full match	7299357.989	5389292.978	3283521.638	6122268.362	9084499.353	11036633.21	3744444.821
Com_14669_po:19-Nortesto:C18 H26 O2	274.19236	5.721	275.1994	No results	No results	Full match	4479685.126	4063480.175	6064500.211	10835403.01	6774961.648	7559094.36	6674240.465
Com_15078_po:GlycoursodeC26 H43 N O	449.3129	5.687	450.32031	No results	No results	Full match	4672450.722	3525178.464	4133940.131	2478297.702	4624595.392	4819362.62	6149149.155
Com_15857_po:Acetylcysteic5 H9 N O3	163.03008	1.417	164.03728	No results	No results	Full match	3860723.565	2450378.091	5070158.951	4834294.72	4570238.686	8522305.786	3650513.852
Com_16055_po:Pyridoxine (C14 H21 N O	331.12673	1.413	332.13412	No results	No results	Full match	3998542.437	2050787.713	2985171.824	6392540.285	4378522.751	8236156.194	5518667.854

pos_OL_HW2	pos_OL_HW3	pos_OL_HW4	pos_OL_HW5	pos_OL_HW6	pos_OL_HWM1	pos_OL_HWM2	pos_OL_HWM3	pos_OL_HWM4	pos_OL_HWM5	pos_OL_HWM6	pos_QC1	pos_QC2	pos_QC3
15274000740	21508063995	19268495148	6361237445	9753069201	13639832805	19165228029	25412791834	20147140941	16341012326	11188519033	22850917432	23115968183	24095495258
2229145512	7329035316	7614478080	1681463626	2349725463	3361260698	4164486344	1805208733	11757114777	8848630309	5489238817	5948896483	6091394397	5635126304
4922771471	2399758950	3655667151	3732936341	5848761519	3255324837	5859957174	5011123764	3450826806	3846064511	4600715700	4417821835	4091069052	2836536720
2740099358	2336075519	3473605794	3823800474	5961042530	2992709358	836796230.5	4757021603	3563731634	3839573983	4524499585	2298916448	3875565650	2721165481
1607456619	2944366037	1738037959	494874446.9	918531973.3	1225268815	1238263638	3315987745	1456722840	1761088383	690660528.3	3781741772	2521035797	2240196787
1321574889	2556403357	1302138906	1267837805	1751547858	585991004.4	2131889058	437199315.9	1469346665	1243636528	5141502681	1505708193	1254276093	1295662294
2345701474	1508747111	3109755114	3203613221	5575242834	1504574123	4629510549	2213714206	1521114955	2063727386	3546652108	2010532905	3514064673	2105481111
2309959564	982661750.2	1925316225	3203300020	2119829408	1828195848	5143384109	1754597423	1181615191	1299678001	3855472086	1602131501	2109453450	2358514418
1858632040	570505550.2	1294361662	1077786134	1448200673	1921876577	2244336925	2129383226	851011287.3	701214579.2	214946288.1	1340295338	1529102967	1771577140
4173108.942	13749371.12	10777262.76	2458260.01	45432330.81	109022697.5	5446927.122	1102103273	6370946.8	5129317.9	3819313.707	6850011.291	6049000.763	7504070.888
956636706.9	1667241274	1956220750	1606326761	2018712749	1423502099	3927444227	1392315958	1910552322	1637459548	2861938774	1498631749	1836472908	1934368979
512663611.2	54661939.67	221342240.2	45076531.66	47961017.56	55800043.85	47947662.37	62999279.14	80199082.1	180090146.3	178011529.2	273910349.9	318759663.4	378940032.6
610373906.1	1438251690	1816274623	560199888.6	1106161563	2085753075	1459488482	1897440565	2482294154	2411506549	1110971847	1233457885	1606462366	1865412690
1339906941	861192187.3	933548236.9	1921582873	1201710482	981235908.6	2390224615	737121105	535128704.2	397178177.5	1900889612	900188325.3	1113745989	1215274452
1166162619	781120415	790646160.4	1410767881	954061452.1	1132153704	2810002907	1081228058	646158317.5	709859132.9	1558879604	1209972263	1006717079	1224972984
172710874.4	301289902.6	127920194	189231160	375845828.1	428637935.1	252297250.7	462561540.7	225550479.7	66202081.36	93169814.98	549282314.4	419957944.2	337044718.6
775899888.7	214744407.8	178586116.5	82668243.69	100351773.1	59966182.06	155713752.7	85660141.39	205241402.2	94928370.46	83191038.45	253598369.3	191226865	185725715.1
379823279	773325661.9	439661887.6	432686783.6	322488338.6	343350680	434884523.3	216244905.5	596390800.1	659187754.9	795038621.3	444366344.7	417632999.1	449087301.1
555492481.8	404908802.6	142334870.9	379166540.7	740178686.5	536978583.6	220905745.4	747742632.6	148378077.8	392957699.3	120112436.7	360615852.9	513719681.7	441538050.4
497613072	392226074.8	475663980.9	537046530.9	573790256	393688901.9	1135700833	244123023.7	406419694.7	237674890.7	734505246.2	340860414.2	435831959	454367032.2
15822704.57	209308148.5	1086805793	77717794.38	84149026.3	289220800.5	187067035.6	216763907.4	330736170.3	466644981.1	309542689.6	168579234	229677440.1	228999264.4
399158567.2	123460819.9	127417147.4	159622713.9	72937962.53	206449553.9	354438803.5	71028931.55	32920049.13	32880592.8	234736581.1	131399900.9	182966417.3	202857932.6
110507018.6	182446380.9	112579524.9	166752090.4	246222145.8	95243313.87	333781757.8	75180756.08	94192894.51	76342210.77	360417901.2	127163005.1	120077181.5	132770028.8
300314102.1	436811084.9	492815023.7	339903454.1	501404775	454283697.4	426537114.6	392967774.2	671044908.5	612597655.3	472433990.6	292662875.6	414915519.1	443840028.5
391072073.5	33188445.34	42242450.73	15882334.97	17401680.07	60502467.27	29322828.62	53784718.3	21914795.6	80715344.13	18913883.85	80232373.27	75004924.8	73740738.55
25282635.51	157635241.6	105449821.3	35740522.78	65508079.24	76832204.96	46980387.75	79881236.32	155978841.3	207991503.3	86687078.54	158901695.6	106540499.3	115575892.1
194595483.2	266139046	175790063.4	138329660	197752539.9	193366941.4	145988199.2	184474598.2	202920330.8	242597536.8	214159651.5	212665609.7	252119112.6	258107852.9
111608361.2	82834568.81	81204871.25	50190709.69	57190810.6	129784713.4	71536925.31	123659232.2	73377975.56	84491014.76	62232249.88	164502386.7	143113204.4	139223502.2
327873341.4	132367534.2	190731395.5	217049623	205136224.2	210218305.3	140875237.1	187201048.3	85598372.75	60714749.44	185311228.8	166338506.5	182134152.5	182175116.9
294000815.9	6284419.444	12887057.05	6562404.569	5226398.42	33629822.88	29006055.69	42900896.74	13078259.65	11099804.02	8140204.925	36457431.47	33408177.8	35587183.54
21431909.32	6401626.282	13915263.51	7619686.884	8087435.455	16588861.88	12688277.98	27302550.57	11724983.33	10716391.89	16958219.52	29096886.24	40652751.83	44287088.56
56782954.75	118922628.8	58633692.85	42712596.55	31016905.25	72516352.99	30607858.91	106151909.2	68909747.74	487138012	37499182.79	131026481	89782853.51	74918652.94
117566039.8	148482651.2	61977921.27	110804208.9	138150262.7	118034066.8	67506658.15	161693695.1	67479375.35	140499833.4	45180351.12	153380941.6	115972243.9	135943446.7
76963016.63	195438074.4	175361741.4	96053238.5	119390405	184219455.5	167721889.6	163644369.6	161406220.3	161703692.8	99292705.96	166128668.2	151721920.6	195865293.3

43652077.5	142317406.1	284363917.9	80652628.72	54254299.13	59374720.97	141942935.7	69046619.08	431038998.5	290310641.8	212080858	230377404.3	146440878.9	152074397.8
63098865.59	232879725.8	85676077.6	47115604.38	71107161.26	38735406.89	104106762.7	10061831.72	132518062.4	67257920.36	137301016.9	85453001.16	70737318.71	77793842.93
128183094.4	27288600.35	74120079.92	40360288.68	29207093.63	68620287.8	37493593.64	47514157.32	57463227.34	70190191.95	47873596.04	150300654.9	96564535.38	86172555.53
84831735.94	31215144.7	170709209.8	77504127.92	99865787.41	173474189	123890382.8	193882016.9	67397337.83	244651629.1	130515179.6	117022823.9	164341044.2	232271000.1
32191097.18	183674684.4	71936219.1	27834382.11	55378774.97	52482153.2	72220907.29	90009227.15	41287011.22	99888200.45	40420407.9	167546064.3	103288615.8	87945518.43
63616481.13	135168167.4	144815079.5	80554886.76	166979056.3	75500241.28	152050551.9	46197208.83	196773649.2	128609834	136262688.9	144223291.7	118569255.6	100659143.3
70238425.09	139721126.3	166403534.3	66417929.63	108853149.2	125270540.5	236644645.7	155153921.7	148998635.2	176479223.6	136063088.5	139312557.1	140348012.4	123095605.9
66759666.95	78765687.03	83385200.24	37085560.89	47246826	46313688.98	47864039.76	22144092.96	67776852.74	80968978.45	79749496.19	83042770.99	70083329.99	71470601.47
19774838.59	36027792.09	55062855.79	11098742.1	15831555.52	20643949.89	46963150.39	12333075.13	73650601.26	50773247.76	84589975.37	58840632.18	41992248.84	46571737.69
71962327.95	108411081.8	67762720.56	28405682.91	37137488.25	42855405.95	81595776.31	36616671.2	114098365.8	115300257.2	113711307.8	102311938.5	69717409.56	78262972.83
113127392.3	139606947.4	125944112.1	44499875	71356034.32	152038188.4	85233934.85	114859529.9	168661490.8	94984046.3	82029363.65	113198339.2	102218121.5	105287357.1
32978793.96	112390776.2	97922777.99	32950828.47	48717175.64	52137928.87	52103320.49	23362025.04	162548238	85598140.68	104531227.2	62934910.25	78420507.58	83565245.2
47027374.94	53668398.99	19280496.13	13880110.2	20517161.51	56780555.8	23933097.99	30546949.78	28003363.12	30828741.99	32141642.2	62386686.46	46008304.91	43378863.92
37155079.78	48736866.6	47192883.78	73628526.7	125096407.6	63911223.28	190317405.6	82442424.35	22433747.68	43816691.37	50077490.39	57571784.84	56963061.15	60745063.67
37221957.87	39781899.08	67894833.33	56884903.36	124233098.5	36696063.59	61851476.07	9501567.989	56394471.07	52286874.53	72129641.14	56860502.48	51707418.96	67540265.22
15229739.98	22847697.67	56668201.28	28443148.71	25085238.17	28027448.44	38227950.04	25813600.49	48527328.2	59087408.63	45831307.02	39028011.14	51477049.33	54140871.76
54245772.55	49498581.65	72538737.53	47392946.8	51121687.27	60130285	129173190	48243418.03	70000466.08	52403330.27	61323050.98	82201749.48	69871209.36	73515634.92
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9400146.963	10800646.74	30008545.2	10558008.46	15257116.15	16386969.74	26441041.39	13894118.83	22616872.05	31006555.42	16820669.89	26498031.53	22581195.7	24743613.39
34841040.52	12836274.36	24552527.99	3824881.952	7068916.359	36532925.47	43666258.64	15011509.54	8993621.955	56350345.98	6686146.409	43002840.37	28959381.93	30394764.51
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16423443.74	16025470.35	25900239.06	8030082.326	19566894.98	23135358.3	32086908.99	17596318.95	23301052.06	33696752.49	37706399.39	31928938.57	35223682.94	47441003.05
29005288.86	43574066.79	65623818.23	22492165.27	33115815.36	30657553.39	34032983.6	61878748.3	46955034.93	24134629.89	18845870.19	45798819.46	41068262.55	51332041.66
24065335.91	31365574.67	39892663.11	20240484.64	35032519.52	42992593.2	35604189.82	50154938.01	74933490.62	59521892.91	36126402.15	37477749.96	44850759.38	63431287.08
27289386.93	49443186.67	20992324.03	10736773.62	17003282.29	15116368.43	20393883.51	43296510.38	16054163.33	15765647.49	24313555.22	34455579.73	25812764.32	24774049.65
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35741444.14	34683052.43	41833504.72	31882998.64	54934435.12	77791960.79	44619369.18	67270099.56	73886175.9	67513753.82	39960580.93	41906100.49	50408427.82	62005542
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14975429.71	12910995.55	15991519.31	8470156.492	12929329.53	48468576.55	35609268.63	31240020.06	17229800.32	25418209.14	23687582.41	20790378.44	26794468.06	27628095.48
7412913.648	16463230.76	19068302.66	17445685.64	26492074.95	31912909.55	31565863.32	34411115.02	20483936.07	46851912.26	14309673.38	28944737.53	21724888.2	23775975.35

2911629.249	11900064.8	14271432.49	1295937.787	1687536.685	3732770.87	2678569.904	1384189.599	28480500.82	13378520.91	22240335.03	13130056.64	9567193.253	16003570.42
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12803087.37	15784496.69	20892352.84	16496297.5	14248159.51	52314869.75	24962769.43	10038647.97	21607203.3	21472041.53	17841969.56	25377546.74	20288022.97	22942985.13
10298938.93	25711191.81	24235221.16	8515760.83	14348262.51	28363063.04	21915383.55	33972336.61	39748105.63	30694415.25	14946832.86	18170671.78	24294302.32	27608288.84
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4790866.166	1637520.789	1048048.114	7179862.708	8255688.265	2664819.065	6598099.859	1413293.23	1331076.287	1552486.221	2504206.608	11060290.56	5952737.821	8088251.993
4716450.874	20143207.52	8799801.546	3488617.424	6470284.181	5376698.854	7821429.002	22911174.71	6514934.241	6510811.169	6286017.826	16430562.14	10062545.43	10448313.83
6239415.681	19985594.55	19391698.17	8232863.512	8362714.65	11338820.02	11737629.05	21736032.93	19877643.01	17492857.77	9566222.677	18019842.95	11483568.71	13217210.7
2420593362	9422068723	4495656440	1546466134	1185331667	4610172179	5305269740	3634036815	13872438448	8652693264	9423633440	11230293577	7656034886	8534433460
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2273021232	965667077.5	1892115421	3148205517	2086679645	1795375797	5055720503	1726722347	1161800274	1273647889	3790395927	1575270224	2075590308	2322215849
1823012965	1433524583	2746675902	1099577119	860135460.8	1577273855	2755182641	1763339993	1067324963	1762557582	1403850137	1927223564	1887655568	2125721731
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1746919877	774267.0114	813762.3534	1909552.899	514867.7854	727802.782	643236.7562	664593.141	592261.0889	559326.1493	403551.1509	3573836.273	3614274.948	4523650.364
951827980.9	467223841.9	671861992	1115477058	779130438.3	763295245.5	3160320341	690293281.3	279390267.5	277611316.1	1038153544	635081126.1	907349175.2	928125800.3
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380177804	296262080.3	188837684.7	327415735.9	412135294.3	223457249.3	666369296.2	248453564.8	137689663.4	118700124	473336337.2	298267485	270206731.2	300644627.6
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111927999	130281746.7	219556342.7	189310129.4	168080639	189878149.8	236250361.4	162919242.9	151908213.9	207994925.2	65666770.6	236162817	198301625.5	187977468.8
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80865842.66	16950488.27	35236710.81	64452825.9	33359996.45	26950438.71	310036330.4	17333144.56	5860455.701	12128183.71	200426027.7	50690699.98	49498175.74	58278104.92
5261624.724	8301244.847	9782115.088	4914176.606	11368594.17	159028566.2	55501026.5	63239139.78	34322702.93	119056573.5	166194469.2	35456756.03	35285024.69	33427022.26
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11698942.28	42844173.22	63217851.4	11024006.37	19409531.34	31767096.09	39314415.5	39404192.36	41108434.99	21619345.81	10352076.49	34705339.5	42391138.21	49425704.51
12249047.28	10555457.84	13055590.63	10916726	13738262.41	114489213.1	101280630.3	165014386.6	168759398.7	178185536.8	74430784.7	33836296.49	42777633.96	51858016.12
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16019572.81	49799559.02	37101671.57	12359032.02	20711770.94	46548920.7	22348922.98	33025235.65	49636493	57183778.88	31483331.17	76788863.82	44869071.58	44880128.01
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9284559.026	7684699.046	7087099.629	8485399.312	7245910.806	23529488.77	26525775.95	31990378.43	27898040.88	96679843.65	31751301.27	10623454.26	13787870.65	20965274.34
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30093382.67	1828644.461	6314168.214	40856768.75	6935886.201	7290444.491	9546903.551	1891516.296	1716422.432	379175.6422	20595250.78	16658001.79	10127099.42	8988413.493
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58927866.87	129682132.2	93927503.28	64034363.68	126698807.7	91435436.09	117209723.1	124226016.5	74556081.11	146718933.6	44070697.94	93929260.59	112001337.8	122466249.6
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11115305.94	93051176.65	78726928.63	30990684.12	13801536.13	94335971.45	54659889.42	112505547	198784498.7	191260669.2	50031827.63	59980967.2	80789975.75	91379148.55
20504782.18	63380293.67	47613934.87	21127748.95	40552573.98	33984425.75	25412311.33	24976288.87	102358618.8	62251626.19	82990989.77	55177382.54	52579231.48	57729126.73
10066986.96	29292987.59	20069113.49	30970520.9	135750766.1	16916082.97	9295625.165	93683657.78	9828160.446	6078607.992	5725579.522	35328734.66	37120170.22	39046371.15
102969123.2	16285901.96	38258871.7	50482813.04	61555389.4	24525066.46	94972358.67	11721037.57	12869750.35	12232852.21	77484647.07	36144527.36	27242451.47	28118835.42
40586879.92	60064523.1	44883495.03	38722160.89	100977068.9	56335126.53	45564253.87	48354053.89	47967584.48	42448256.02	57925816.25	66894320.37	52406188.94	54012518.43
100134714.5	48551991.51	57468614.81	17267125.6	56846403.65	105286069.2	85800709.1	61730117.56	17320262.42	39530814.26	19126552.27	43217246.67	43463380.73	55841962.21
60331435.56	17834654.62	56251880.43	75787260.13	44784601.01	33026173.02	157961899.2	8877735.503	8932824.774	4686924.69	125740367.4	32067150.84	36217323.9	41225320.46

64761697.36	73284923.92	98934975.83	115282978	71756545.34	64677203.01	34383884.94	81152044.45	104263204.1	108157907.3	22608787.58	60597427.6	54936468.88	83685172.33
9369015.774	50972605.82	26796955.27	5192758.599	24418367.21	9800194.827	22849256.58	9366414.001	70109600.75	61585189.28	44813547.57	24192840.33	26258723.64	26731316.23
1842317.907	39139094.89	19429760.99	1181835.222	2056443.92	2881066.553	1392636.775	3167022.121	2867378.699	2571018.053	1109683.567	24558623.4	22607570.59	24082075.75
19268366.51	90873247.11	45744819.43	17289469.35	32874338.18	22914532.31	21367793.86	25396764.81	64821117.33	71758856.05	58185977.79	65732526.79	50303171.43	43271825.9
27099894.72	103366888.1	83983680.55	40226754.78	94277762.74	50341782.23	72602559.29	71558150.19	112828244.7	113528246.4	40614567.82	64718458.37	74650685.4	77461047.09
92053629.12	89279607.91	87948285.16	93389261.64	83985186.79	72788882.61	67674914.7	73569157.83	109976058.6	92423364.78	71551405.07	65281081.34	69099323.6	83505710.9
32090753.96	22229003.71	27686440.91	13984660.99	19961896.96	46986996.98	25555650.32	45411902.58	33239506.37	25816628.61	13065741.61	39135859.43	37322988.31	35055510.99
56285765.4	93524116.66	64820190.38	31650225.47	35094214.55	88783407.73	27358456.61	76582815.71	73832138.69	63496282.81	64810916.75	72582136.32	65843445.61	66582085.13
11946694.89	18459101.2	13088463.36	10550518.85	22304851.73	18611547.93	16096069.99	13009580.57	17488744.64	25594003.17	11861675.39	36682203.08	30087298.77	28151489.56
61746779.52	19533669.78	32778400.83	81098022.75	27020639.68	32259620.55	39853970.38	22682232.03	11734974.93	12430269.79	115054118.4	50725262.04	35246188.54	35973116.8
44341327.67	32478374.7	54880098.59	5700735.465	21529092.48	154865360.1	86244256.39	71598042.85	45356678.33	162029919.6	16400749.98	80924924.89	73719174.84	70231218.2
21464718.9	55535993.15	52011384.8	23188900.54	47278558.2	42425403.92	49746415.49	43535386.01	81025845.93	68716238.53	28248631.67	63931397.4	60101351.4	62569710.94
12531989.86	21721012.56	27999524.73	14212041.39	25320302.61	33456200.97	25109010.22	34604046.55	35289700.5	24574739.44	13610332.44	43004936.88	36148957.1	33767757.61
89618012.24	33929439.42	71412594.03	50911253.17	46380935.29	37348266.72	142321578.5	19323734.85	21194280.89	16534874.71	105131720.8	57350677.52	44643505.19	50805388.04
88794987.9	3360652.285	7002235.375	2711360.008	1084746.802	3642919.291	6942190.564	3763333.823	3734233.791	2915255.608	3825095.728	11657219.01	9423517.724	11205320.27
36750402.69	12587709.38	23130250.7	20987816.8	23445748.04	28674275.71	55779778.57	21476889.68	13784047.59	17899175.68	31079694.42	34586950.04	48162213.12	55175301.5
88410284.67	2839450.248	6097549.755	1587662.735	254575.6795	3048166.701	6510395.789	3125887.659	2699097.846	1897874.883	2985086.935	10843924.53	9014512.325	10579093.65
27171339.03	39426055.24	34479775.01	25833264.2	58985192.03	34052409.33	42467032.24	32992888.43	45571980.57	61961608.99	25957589.13	53778273.57	38386985.75	38564718.24
26247397.66	73046588.37	59607866.9	59291362.52	107917213.5	84460745.91	56166484	110159941.5	97012223.53	79137704.54	35453386.47	76391370.25	65253199.72	57994374.9
32974467.01	64711284.19	92832993.86	33683736.31	45344958.41	109297623.4	67204566.8	89785783.58	131686499.9	117089804.8	67167789.52	63367753.91	76523779.59	92462150.84
83497222.11	23950862.28	29790947.83	41508863.9	20826021.05	50976846.23	29451150.45	20264762.82	11706645.74	8921982.42	55843106.74	44247129.77	38937297.5	41185874.86
29855797.9	92156605.44	59306048.59	86021535.51	68170868.46	89602049.32	40569921.21	86829441.22	64427099.2	30311922.39	63603890.17	54199984.43	62573748.31	64049476.14
5734325.669	36266481.48	18517263.73	6876698.721	9242158.008	2950506.308	6722815.99	2345998.407	45689805.47	5315920.824	53157078.99	26100143.19	16533336.32	14298463.71
11074712.16	13519407.33	22050751.61	20387200.16	9484891.204	30440722.25	29408403.47	29689978.01	35523635.52	48205367.84	13101190.21	30976937.17	34520309.57	34458819.08
48926756.69	73126281.74	49791699.74	80984242.96	113352525.8	60055651.44	38538790.45	77091943.3	129402858.7	67639018.81	52789182.57	64340338.23	71442311.8	77895456.72
80337576.43	22250902.38	29886127.38	22162206.52	18180957.19	7317286.343	45760951.15	34669823.3	18233954.66	25437811.39	25352788.18	28602590.69	37951375.63	32826554.42
55986418.26	17576468.24	37725935.86	58096546.72	67079518.25	36050866.8	146391782.9	16968086.25	20657519.81	21616926.68	66363581.96	38571526.01	48430177.25	55002641.8
13650439.79	33809905.73	45020348.67	13875118.45	23685992.97	39023105.6	44855414.28	3037826.268	65163057.73	50183372.77	27829888.28	46415927.18	44676466.35	45135629.41
33118299.46	29372460.27	26130260.62	13253281.99	44157645.48	37473163.37	25591976.27	31711476.54	35435279.67	72420690.25	16118524.82	47279175.28	33238335.31	40442761.81
23030727.51	67984020.2	57179123.5	27881601.83	76777649.7	56591551.87	48545242.78	62969812.27	93805858	88855835.3	33139790.79	59288140.48	74052231.16	75162764.66
6208920.259	46500243.13	49226469.87	8681419.988	7776037.911	9228259.989	10834067.75	4835095.78	35183652.93	60749527.18	48732459.57	25390194.26	20960512.26	21892560.57
74351265.46	16453030.1	29208131.21	50054628.35	43347768.1	20571758.52	67797927.6	18277487.4	11142658.56	6109947.947	57495917.13	30861140.27	32270601.79	33253371.4
26405583.35	44792117.73	128652675.2	46326971.45	12906447.8	61272524.88	75569600.9	28983264.2	93958920.83	107775763.5	53908858.1	68518669.46	56085364.71	59398384.23
26816388.42	54039402.98	50928239.79	25794096.98	59645874.87	46767891.06	44790076.58	46948672.2	67358510.26	73226642.51	25668206.44	50044443.25	47145257.57	57367374.27
33467755.92	74242385.81	56611679.68	64128627.72	54648119.35	72606436.79	32154187.09	75202512.88	57536284.65	66894900.52	50545299.91	47164763.11	50078172.15	55461268.12

22809468.64	44001760.02	44445800.66	19508841.95	29498045.74	24929966.3	28102964.32	36215958.75	54335671.16	48525308.05	25765370.64	44736554.63	35398055.1	32108973
32387584.97	50537712.05	72627211.31	31793135.05	61797008.48	93623275.54	69887072.47	14392814.03	31817732.25	98036635.23	36499656.51	40644523.57	47468188.6	61630928.76
19578455.96	41822485.4	22712493.23	43510512.58	90270120.22	14048760.27	33142864.74	10603763.56	11666831.03	10349221.35	11897598.22	45155032.61	34219259.97	42465453.28
10478703.59	16952591.12	26356330.81	34412065.93	38537760.43	1957474.029	114017628	11072941.87	13240559.62	8874600.964	64834504.59	27916396.6	30431642.22	32875150.19
4313423.378	68502815.15	5691546.626	29956347.13	7522494.941	36201176.98	43599533.96	7244328.882	38416767.38	58803730.18	22637274.06	50601038.21	33913888.98	34269221.46
33672677.2	44203607.57	38196970.31	21020753.38	19484216.45	22268492.06	30349463.68	13201972.26	41731425.71	56666628.45	26311739.06	37287695.63	35034596.87	32666434.95
57684770.62	39890132.74	50715256.31	54906508.61	38504501.42	24479728.92	16722355.46	19346840.01	38710824.33	36910799.04	16578831.62	40742620.65	49949145.36	34773488.18
32082277.74	1590742.916	3005586.835	931927.8362	9052944.654	6684651.451	6037584.039	7396881.399	3250816.651	2868740.329	1641891.103	16802245.74	16467816.24	17506576
59536673.02	19982400.47	26933859.11	8817507.664	20520929.71	18543284.78	27578706.44	14413211.1	14498812.34	22769454.08	17224828.26	34020983.59	24924452.45	21372295.85
22858674.2	52159193.17	40009304.14	16475996.62	20409811.6	46885638.36	25312513.26	30249623.3	83174393.1	110101382.9	41703653.83	48908482.61	44812400.74	48012554.36
8729930.698	34338976.97	46128000.73	14803477.34	17050828.36	57205872.17	46665792.78	48788445.84	10308250.05	28434604.43	18274432.88	28495010.15	39604848.43	46034051.47
56919441.47	17954387.66	20870020.26	36805723.99	26884112.28	26945175.9	103624061.1	21810323.37	7505515.872	7504793.808	50237304.39	34971528.85	31160189.94	33217486.01
56648794.81	7480728.086	14519254.26	16539570.47	6625467.113	19349425.95	100303212.3	6584351.093	4577171.707	2681961.84	26448243.81	16137896.4	22273037.46	26159475.25
27222531.47	62695022.63	44156009.82	57621370.44	47237626.89	60356316.38	27632987.68	63613522.17	46216933.51	52206583.98	41978464.63	35173171.6	46928481.19	43126938.97
3752631.873	10166346.08	7008803.772	4136658.793	9511188.681	9268142.359	6019323.816	9028084.526	3634089.249	9701931.523	4780150.172	4938358.159	9526583.55	9557572.402
14861689.32	14269063.53	14615650.56	5096606.827	3995412.616	10217836.16	6621751.987	6243671.899	4748668.656	8905070.639	11163591.92	35154785.22	20751595.73	19129887
474921.6147	1723548.88	1519327.654	1104504.841	1944495.662	3680945.045	3626922.666	1714947.085	5525066.227	2222821.928	3974001.929	15014481.34	8599351.025	11136826.36
31309921.91	16059764.51	12333102.44	15085220.31	4345583.402	32073630.91	13369102.24	16966764.48	8901408.607	7925145.125	17816845.4	35032834.31	21265157.04	19136848.12
15853354.81	15216061	25009158.73	8736593.721	18850925.95	23841623.54	31959337.42	17978083.88	22348844.29	46589296.21	37027352.57	31222042.09	34569735.74	46487273.18
39699083.78	7175204.219	14214337.4	63166353.24	44612584.85	10837320.52	42427427.52	6668430.866	3332750.73	3017457.425	28647885.44	25258436.07	21188259.33	21729436.21
11135016.38	26751503.27	9751271.063	12785449.5	31546436.56	33731774.59	16394890.16	36362224.04	17769402.59	10959929.15	6819298.533	37323606.71	24993745.16	23574795.74
41879825.76	14357139.78	50862306.47	44908063.91	23849376.25	62794870.68	45334307.47	40215446.77	35398209.46	38421946.85	34655739.51	52607196.39	39019611.07	56584879.29
5670715.712	16123640.02	11791812.74	10640147.03	17280176.38	24023024.07	28112376.84	35677002.42	35366004.24	16829539.07	7426263.685	15954457.3	22117677.4	21869475.67
39248998.19	45003023.85	41284281.25	39060717.51	56036261.92	41390922.26	88523570.54	32754757.33	54803690.8	49028513.7	54168083.74	39777546.92	43609124.57	47609955.31
50633681.35	2170283.63	4507797.325	6653607.616	4949881.428	19674923.97	2910307.108	15946814.5	1988426.702	948599.1623	4595505.129	27408131.48	14985582.34	16346320.65
50473705.69	6423478.333	32304561.28	4495089.549	6463246.259	24490199.05	5784258.548	16384848.12	8443088.502	82839250.49	3075275.742	16621140.81	17145206.96	19878673.78
16216323.83	54092480.46	43813593.7	19567877.56	32756306.54	56618987.99	30925195.9	47695581.07	70755503.1	65122712.59	23842302.51	35162831.98	45025125.66	51138024.12
13750176.9	37306649.81	11181397.19	8847040.369	8187432.753	28914840.54	20251918.32	20248037.44	11984352.37	37846617.02	13078770.24	24879370.86	24436756.97	21460865.24
2227823.23	4120420.203	7340435.193	360475.0303	620904.8295	2426235.841	2924485.188	11927042.36	6717744.649	5027720.395	1415835.249	6976254.373	4509850.285	3989747.366
1527656.802	13404564.84	75278594.27	5549351.672	13567588.69	9743484.571	87942897.94	10926431.85	10542707.51	14034172.66	3039042.777	14609227.91	11984531.63	14736241.02
7467871.966	13273537.18	36403322.51	5432329.106	16799807.4	31751555.55	39415719.2	26404595.98	46813517.95	31435123.17	8225458.306	14196995.49	26847893.12	30334595.23
47843196.89	18578656.47	25624800.3	29869669.63	36901886.72	34940420.7	75256740.66	24680203.28	9650744.177	12687608.23	52068015.16	27167397.77	35673587.85	32433263.79
13259170.27	5252009.019	6923952.373	1883593.39	3366189.606	13110243.71	9689006.739	12109422.4	14121315.67	6038000.706	4842491.634	18300139.82	18573345.01	17758988.62
6791660.684	3327068.554	2516530.987	1241607.511	1082158.421	5496041.434	1549370.045	4803433.9	4974414.405	11413143.41	5809401.231	20632414.31	11715344.63	14231789.46
3684939.404	25272325.88	5888916.317	774975.3775	935281.4554	2152074.396	1737822.578	886820.2892	19195852.74	20414007.36	21732003.66	20875552.7	13306465.87	12563693.28

6801852.859	27769812.36	8788245.918	7676281.493	16906905.53	7881303.397	10052735.56	8180647.984	20163827.34	15929466.89	21881772.91	18088615.15	14714082.14	14882700.4
12521988.51	41534421.73	15991135.53	24452529.41	61069334.69	59885576.63	21385513.16	65962178.51	50235992.99	57150985.27	23636994.29	28205614.91	26603412.03	37527029.6
18339217.58	23309160.79	15000783.15	6764760.541	15125980.13	13758301.22	15417206.53	11002746.97	25605986.4	17048954.02	33043562.38	26401671.18	15998566.78	16709367.03
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15776584.79	37224834.87	34050846.05	27837845.47	32361939.83	33391071.21	51766159.48	42745626.28	51747571.58	47836702.39	42742036.38	31192409.07	31040999.69	35298341.14
8371559.924	16421757.3	15827017.75	12531334.72	16769985.84	10993085.29	16391190.16	28295021.89	37127611.97	36586262.44	13736561.58	22057339.98	26191763.11	27144050.51
16682517.77	35998661.03	26956125.24	9688101.187	26876460.66	10874870.81	6144743.675	9843111.031	46371248.89	71436535.17	51749778.55	23164681.21	13898854.26	17380628.63
14923147.64	42102507.96	24440079.93	19106132.59	56729036.1	31692346.22	24043938.87	37169162.36	36850404.66	57612346.17	19230390.65	29811718.11	39116307.94	37314884.2
18206891.18	23485564.17	23918655.32	13793827.61	19599665.97	50550081.37	41736304.57	43436422.4	19057322.74	28069220.11	21269879.33	40622602.27	37312902.05	42464811.86
13133535.05	22988239.39	51557929.57	22690863.95	38435190.38	61193647.44	37468025.26	69680964.13	32707941.08	37605804.88	20423074.23	22719031.78	38405234.71	38513070
16855832.83	36054665.73	22566425.65	12435984.28	22525482.15	25771469.44	12638500.9	22105986.55	31801698.05	50266940.81	12662091.05	16460856.55	17353993.11	21116282.9
39107348.17	15090966.87	28500674.35	32864480.84	18551078.4	27508066.75	53238804.37	9521583.858	6948075.908	11161687.3	43548558.34	19312674.24	21808083.2	26860645.65
38821935.5	18213323.07	23660444.55	18160343.41	25513346.86	20914643.1	45639502.75	19104036.43	10635021.38	17824953.26	11548686.04	35644977.19	26297688.78	25892317.1
17983635.85	15536237.17	31911249.2	9563125.046	25401015.5	21596765.38	14221337.38	23026256.91	37846761.24	44818443.41	17529793.33	35969941.78	21853653.02	28475495.12
15887700.68	17440209.01	10598820.16	3554893.535	8615691.682	20685859.46	5754271.21	9986865.026	3623672.534	15613621.56	4343560.394	29289523.57	18326685.55	15485142.67
8854720.064	7316431.68	13863665.54	3752529.808	10273138.24	11420510.05	13138340.42	12248648.01	43072671.83	28401972.86	12816861.16	21301629.54	14810731.5	23825623.25
12933509.84	5712004.604	12594948.19	1634042.727	3218894.033	30811203.75	21325662.65	13671433.72	6221691.145	26438863.22	4561325.655	25470858.92	14962663.71	14794540.12
1998732.677	34234989.58	22038727.3	13813678.96	29960292.59	30202031.35	14529958.35	17476582.25	56204159.56	22892564.16	11574414.44	33171079.1	24747949.29	20724678.17
4530172.225	9538421.834	11081171.87	2938407.675	11469044.64	21620666.87	10864459.73	14456018.86	16174767.86	10343824.25	6503208.503	15788354.8	17355526.65	10680056.96
4015269.091	1014104.954	27659605	16032091.4	31422038.99	2477331.444	1458758.615	5910114.688	23646608.69	68999621.32	1014757.187	2228662.313	2007506.479	1675819.429
2991688.609	7028028.793	5196453.143	4877952.432	10913455.64	25713788.06	10818501.12	18014841.62	7977859.075	4552062.771	3731072.733	19582673.49	11771578.2	14488819.12
36613298.5	18995450.26	14542576.34	15334019.1	13602400.85	11864720.17	9139474.062	18775219.3	15010501.63	20730670.33	19185653.83	31179159.56	18721549.16	17347066.39
13058229.68	21117890.87	21902490.12	8268556.652	18135996.38	12750579.73	19277224.34	15444143.61	52568372.51	33397748.85	13853547.81	22717826.33	17012039.9	20891488.94
224320.4125	936860.2876	486534.0951	341950.3245	778793.3984	967784.6332	880405.2942	1180924.764	1266070.037	525991.6457	318876.6869	3388705.515	3063567.867	3248981.233
12211448.6	18310672.29	18900346.09	9638296.211	19186324.94	25078753.11	20585275.77	26022870.87	4315423.101	40256145.85	15495127.39	25861446.7	23157373.35	23744938.87
28240153.37	3788842.22	2870577.964	42089237.89	5498165.253	13238618.17	1550150.473	6267368.257	4038496.93	7561612.499	23337070.1	11513008.06	10769427.4	10197117.01
2936962.421	25743277.43	4975178.72	3172672.701	6576862.952	5164103.005	6089507.511	5705801.91	66341933.37	7595873.791	3680659.903	4208905.111	5416215.036	7044499.393
9712651.162	24410685.51	16616016.52	10145036.52	24402996.54	23114227.9	18514253.49	28935506.61	34050805.26	32001595.51	13025334.95	29887010.35	20217905.36	23538112.44
2328406.104	4713193.645	7336392.948	4043320.801	6085221.381	4839399.745	4120281.642	5541155.465	5546941.164	6476153.722	2127034.549	11828096.39	15095018.7	19114252.68
35042127.92	19306864.25	40170875.39	18561960.06	18536053.63	54312965.44	27780097.47	42636327.73	36151617.8	35690261.37	39149224.85	29359114.32	30487877.22	35813883.38
34931708.96	9844612.536	12627727.67	27092702.4	11050274.66	17342161.28	14712730.5	4204140.868	2817122.209	6994198.702	18438980.61	11658569.83	22113641.99	15110392.51
14167292	28591756.09	37542064.04	21214110.83	29128949.31	26590900.6	6336766.146	31407488.57	32339434.05	34202424.2	16189045.16	34173658.18	29699894.57	40490909.13
7225070.154	1765607.327	13872289.8	1139362.577	4746743.093	10901286.37	11175123.42	21964509.42	9735973.336	5153690.428	2016556.235	10740538.56	7309505.679	6493081.542
9529374.542	37706394.82	26541781.61	8857686.918	29404814.52	26957874.41	20973754.01	32491531.1	37898452.86	38680944.86	7527240.172	26930023.44	21504471.78	20548507.79
2153477.544	5296546.244	3245269.626	3030283.031	5769285.946	5807256.951	6095908.628	5679097.847	3634088.487	2970392.805	2083925.253	11325862.17	7486013.666	5684366.172

1655483.969	1742477.571	10838948.91	3153586.145	9850122.704	11924587.15	48165232.67	42162450.03	1692208.391	4063792.971	1732000.765	5520961.589	9028819.923	9861125.801
32949313.51	11314827.71	16963298.11	15805615.02	12028871.11	22359992.68	45799946.99	9276423.583	3427045.693	3446596.2	20577533.81	17922464.14	16938716.95	15129047.64
32419131.02	8280572.77	10493912.35	33117094.62	12905638.34	12623584.04	15151630.6	9370817.289	4854598.605	3849829.8	23775175.79	13799710.66	16254911.4	18432885.44
7758448.615	20926602.39	29192617.29	7814308.126	13273691.99	20557788.05	10468057.93	17678223.29	22225354.54	17609205.28	5694733.511	13820969.36	16375476.88	10603311.55
7673096.894	6888291.297	6115307.963	4295543.427	6830484.285	6143676.668	7519385.365	7972535.001	8810412.442	8023128.036	4696557.706	12601637.09	10322205.22	10580401.25
10398063.02	15947826.79	19241131.68	3391164.333	9898063.802	49254720.95	28948825.97	24018143.51	18034428.52	50082419.53	6853512.615	30922589.38	26646960.69	22701104.86
9961335.27	35093957.47	36973667.74	19652651.89	33358844.71	54646728.16	30239257.37	29999357.75	7377792.685	42063549.75	27378701.78	14912584.77	20277631.97	21184943.49
3435839.425	2515705.594	6570470.331	2298884.84	1373700.342	4519025.566	2779273.902	5145165.143	1177319.623	59200333.55	3499405.087	4432069.15	4796269.096	6038702.799
12167532.68	18162418.77	18974498.21	7550024.558	20262068.28	22668669.79	19988733.6	21767973.6	29079217.38	30713632.78	13469675.38	27772964.31	20706230.15	20521486.35
10024856.45	18207429.24	12866234.11	15023882.58	42982443.73	19253155.07	33717576.56	39430848.13	53599311.04	21638784.34	21285581.31	15425226.71	26015648.5	17102507.32
9168859.997	24700429.78	34286946.19	5417601.673	16970098.8	23048868.04	20079643.47	25721476.53	28105357.97	37212998.65	11672354.72	20364416.16	23637279.43	24525961.09
1287359.276	5968448.358	6862731.998	1549755.973	4002868.328	9182545.204	2637762.19	11360181.59	14315213.48	14455928.88	3434953.114	8097131.36	9541485.209	10591319.2
25631718.72	7448553.712	12022432.24	14013130.76	16258390.8	13238878.87	56200640.66	6961006.795	5979891.002	5120744.391	20375563.84	14472646.33	18298290.73	17807501.45
22683065.61	26550607.13	20578576.03	13844569.57	25581575.11	24413582.46	38503957.9	28243153.58	25647479.57	29432083.05	15958176.92	27214929.07	23469485.51	21645823.32
11002143.59	17337940.12	19460778.38	12425236.65	22421734.25	25632090.06	20115925.62	32271838.27	32768545.12	39823335.48	14748462.59	16737335.66	24144926.12	26177360.08
20883641.34	18118359.65	16042591.4	16070679.71	39569954.81	11430034.53	21973503.42	12574779.32	27904917.03	26871510.61	24678175.05	25729785.06	12627984.03	18106735.88
8996225.748	16339447.78	16821743.75	10344985.15	19966659.53	11971560.96	12531984.48	13846731.81	18237977.47	20203411.79	9066930.107	22700517.91	14972905.64	15598429.08
7555078.357	17815375.82	18275248.13	9318175.815	31919447.63	12672145.52	16577731.64	9428915.223	26774363.08	18288514.87	9908828.998	22512842.53	14470561.24	15072992.42
27890732.91	7195730.424	9093706.058	4785266.453	8919337.785	23730529.44	11247577.48	29886280.06	18021159.44	11848549.55	8823355.841	14630422.6	13538394.93	17628624.78
27867665.6	4732330.951	8928557.728	17996282.27	11774109.76	8669318.867	25788058.23	3734835.284	3742891.421	2909878.546	24312172.49	12549600.08	11793146.77	11802670.1
13563299.31	9269027.475	10890140.01	17702192.29	15686157.62	12937971.86	2654949.651	2054211.466	4172582.327	5238212.381	35040488.29	11635549.64	8650306.772	12339559.73
6222097.46	6014747.423	1515908.965	4615534.394	38843104.29	1812634.645	1855565.75	12398243.56	1748105.01	2469166.622	2406424.476	9048114.602	7392933.557	7772389.768
13280330.4	4444186.651	7949378.07	1101194.198	2086269.63	12159162.86	13728469.85	4558507.163	2455395.855	18874854.61	1862099.989	16912941.38	11468997.1	10766363.48
15789659.65	22181106.65	27014694.26	13379604.57	24856453.64	25547378.96	26067461.18	27911532.41	32033920.34	35049392.97	19422935.2	20338008.8	24122206.77	20091207.01
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3054010.404	6028901.451	3653342.934	1135783.516	1734322.331	1914814.894	1389812.622	1963835.276	761360.3439	707169.3531	1717603.64	5520384.413	4411251.348	4763159.974
9128272.197	17696018.64	19574099.89	8364121.197	15413362.35	18073517.78	17381411.99	24367413.86	26983905.32	28700602.54	10286618.59	17457707.86	17290179.04	20697821.62
4534164.449	5299255.619	5355456.351	2349709.062	12382034.87	4815706.78	5053859.069	10414832.12	3610303.276	3649127.799	3954631.368	11020364.52	9211446.381	9063081.807
25781768.43	10484652.91	11818830.44	9254158.38	4973402.921	15772800.41	14730390.82	5227541.281	4382731.606	3546862.622	14415699.7	15702322.2	11652983.86	11418790.25
12993383.94	23252546.86	29887854.3	15031363.72	28011145.89	21762965.47	21970307	27794234.26	45451143.15	48313770.54	18481479.57	15657422.87	18424904.15	21451995.99
8046020.36	19915762.93	11756934.93	3044274.256	6974717.952	9003268.732	9908892.568	6877075.653	16978525.93	17267087.05	12370276	15297343.24	11726429.45	9365417.458
3570465.004	27638030.78	9868936.93	9851190.585	10927219.13	13483559.54	5827244.692	8731252.188	15125143.27	32745983.24	6476832.842	20200804.95	13101889.68	12874767.91
18112341.8	3623728.916	3476933.903	29017320.21	6204887.059	6567424.396	10229940.78	1608940.346	2173747.919	1578563.297	17331131.12	10083187.03	7118435.873	9298387.982
1426640.303	12692319.22	11312841.49	19400817.65	34386579.52	6707246.453	4555800.763	19985961.55	23839879.11	20944290.19	5299788.426	14446703.07	11937747.26	10691479.07
7733498.474	16052050.75	16431033.25	7623011.872	11567095.49	14244422.93	15703470.79	13188353.27	16538318.27	14303100.73	7400015.171	20704536.65	16249595.16	14209923.03

10404946.94	22633483.11	20188324.99	7355295.922	19195372.71	24174025.72	17051148.85	23410385.1	27869095.2	27361651.95	14198326.71	22566843.58	19628665.12	19090066.32
4995867.353	14615014.3	1953541.984	2621396.452	34128860.8	2460936.64	2271267.259	11135275.31	1709080.945	1935585.153	1604042.252	14118614.56	8807902.396	8976615.834
185461.5539	293367.89	466087.6498	254232.1023	532032.9216	33720511.92	28889977.46	32294315.2	22560317.41	41006831.6	30752130.26	8628194.923	9756112.951	8891429.266
4226210.485	27076612.84	18966067.09	14178765.42	24642518.57	14795802.88	17801686.11	10189395.15	20485672	29472999.91	13281531.27	22966705.22	18634253.29	13285672.65
4235066.084	16557560.95	10903836.18	11773493.95	26570291.23	8241268.819	5774959.016	16730242.76	14669276.14	13127651.11	7631811.151	16220365.37	13738909.41	15043953.86
3726786.424	13480363.68	11913958.32	5351746.212	10313488.77	6058402.767	16474714.22	6502209.183	12606932.49	11585752.92	8540856.664	11286919.6	9251465.134	11583013.43
8779522.774	3084996.917	6851514.187	16898219.65	23646213.68	7708759.997	43956284.18	5541200.606	1408409.089	3243105.411	11242951	13601601.93	9599484.427	11389636.09
6947115.777	22489851.5	23332868.65	12570327.32	19091904.64	15947708.42	20516959.55	22773694.77	28163393.75	24323803.24	9118505.43	23749964.19	17084188.37	15454938.02
4218766.662	11483163.92	3288962.841	4610669.193	9445248.668	11506730.89	5496423.323	11702839.02	5545324.872	2921649.796	2794403.756	15412777.49	9349921.302	9081471.102
11869415.35	11586666.4	11781527.8	8677314.873	11945036.53	25187597.03	12093610.59	11593304.31	37581004.03	25740902.25	11220439.45	23551136.1	23078960.24	23118324.62
23284119.25	359478.2233	801823.172	4228215.346	437922.4064	652402.9656	560096.0913	651054.6233	548936.3957	577245.4061	428666.3969	4596541.097	2571959.805	2548838.896
9469832.23	16124143.93	24318319.85	13835966.6	22832093.02	27215082.09	19250339.23	26598020.39	35413987.27	27742528.4	12497938.47	22263247	21248897.61	20133238.2
5902507.302	16399789.49	21202371.74	8991587.436	19419657.97	20635360	7543187.449	20338650.81	14707190.51	20054386.32	8355653.788	12340625.9	17069743.64	20116910.54
7845708.353	8552206.51	45161756.89	15114526.48	27129597.82	19320848.27	18815099.46	27506096.35	10730767.34	23374211.18	14001284.87	21782281.02	23010076.1	20816748.15
7513434.007	16443076.7	15758380.44	9396785.928	16773101.17	16366459.81	13718769.37	13430917.96	22622418.82	29131825.14	8175799.992	15719677.92	18339497.92	19073961.64
6730943.675	19779185.81	18376612.44	6569008.168	20077306.79	15076688.57	13457691.35	24028172.02	24612727.83	25785060.03	9571766.185	17192382.06	19747170.11	18962856.57
2079118.418	1421551.53	2313270.582	1156151.046	1868376.11	1405472.606	4111383.828	1263309.697	1792894.339	2265774.043	3501690.975	6557566.657	5983863.548	6845585.469
14386837.18	1405285.938	4284386.53	22299195.06	14377489.37	10937870.27	40234286.07	10460474.4	850292.1884	2228776.199	5963785.278	8981411.234	7039777.013	7863007.022
20188253.36	12045574.56	7478468.085	8522641.624	10185042.39	8039172.239	24562294.99	5147120.091	7331970.673	6245726.1	27440842.37	14301903.57	10336687.83	9877152.803
10235024.96	12509922.26	11064251.12	8421053.426	18602632.56	10873546.08	15595624.03	19519135.19	19522838.07	17585025.22	14449052.15	21555005.84	13298660.04	14411443.56
21645157.42	2014620.867	5770657.986	16161662.56	7384432.662	6527782.144	22070630.64	6876516.558	1784988.402	2465635.399	6187721.616	7703180.162	7408870.7	7069066.058
8880547.976	10790699.65	17122207.29	10746368.54	20704998.44	13893552.96	14402800.9	15667773.91	21968001.9	10835114.41	20649383.22	21438592.34	16890484.41	17549879.72
21357119.2	2457246.434	4385653.441	3399846.424	5431416.08	7711851.294	6718910.303	3400734.247	3079765.112	6420500.415	5118618.906	3430513.549	3740405.78	4571953.504
14994438.11	3181581.848	4890870.456	25009953.58	20753276.17	3529904.708	24655809.26	2794325.214	2743550.007	1694710.84	16247049.03	13053328.9	9087153.902	8270802.177
20582695.7	17006404.72	16788250.78	17607230.94	19332987.02	12919194.52	22759615.56	22380326.86	24199792.18	27127088.29	13157026.39	14794801.16	18328857.42	17558868.76
3629092.153	8602436.041	14371853.38	10154268.37	29538649.76	16215075.21	17990881.16	16462402.68	10478522.51	14889348.32	5524346.635	10006717.98	10484691.17	11466028.28
4797880.224	16469443.86	17524000.11	5841267.707	12318024.15	19727384.62	12405631.27	24710912.46	12687951.48	18321846.06	8888979.301	13323819.18	15435313.12	17825867.12
4016569.264	3082847.727	2848926.467	1947453.424	3176265.25	2771488.432	3115731.653	3792202.777	3699528.803	3637885.887	2560991.403	6986641.697	5810969.975	5931474.608
640498.9161	7001458.164	2592390.614	240442.2884	11301374.12	381647.1238	4645306.059	372112.3596	22661522.11	5192826.418	5339188.512	4311608.873	3853238.44	3890220.919
5353941.173	10487123.36	9224146.829	6576572.262	1122521.311	12318154.36	10197583.73	15020961.31	34363620.31	17569925.54	7982269.414	15488581.13	13218417.41	14511832.51
20261026.38	19769004.81	2019282.948	5681088.981	28181039.43	5201652.658	1948187.658	13037597.63	3175429.956	15674709.77	6768310.293	17438298	9953484.951	10292080.53
764472.7564	5571182.175	2157446.763	680557.5838	1754794.883	356935.9514	625996.8469	290326.4796	10754624.83	805807.1035	5176639.692	3163283.604	2713361.365	2387489.441
496802.1029	7959336.147	10294688.87	3131729.6	5403027.796	5341394.565	6666478.131	5048901.353	12946805.05	10588371.12	3927524.245	12581778.9	8962988.22	7433050.634
5605314.21	9131722.747	3972140.949	12874741.48	9495054.208	8606220.333	6910045.01	7587130.656	9429250.051	5608751.975	9085170.88	7713868.85	8571172.085	7958049.034
19768619.29	21022452.36	25512103.23	15025206.97	18616816.95	21335030.43	16576500.03	17789336.24	26343637.8	26832024.4	18546807.59	13818512.01	17316678.58	18203166.34

848339.7083	6526054.865	11836992.63	16681917.18	20152743.88	13755812.34	15894669.48	24111148.92	34508202.27	2422717.019	14524941.95	12325413.13	18880059.65	24824294.63
4664298.859	11875129.89	13307362.6	4962090.706	11080710.7	7331547.173	10266402.96	10613827.77	19055395.17	14400618.24	7249334.533	12883886.55	11249842.7	9287385.259
5462953.539	9111280.995	30409607.18	7032599.437	13574617.5	21072285.86	15837707.11	12350060.26	24947807.61	19342518.93	8572739.754	13063326.07	14090429.6	15178396.74
12878447.97	16280696.73	15827436.95	6620231.503	13531617.09	16447534.85	14119685.42	17331324.45	20906033.94	22053843.6	12247815.02	14484927.29	10798076.78	15312698.12
1787206.571	11433378.13	8836251.224	2305822.912	3518676.2	9619092.056	2658526.153	12324665.29	24964928.13	5611585.141	6633500.663	15041322.99	9182026.049	7671010.206
5763935.309	3153012.856	1818666.013	2951138.512	4835116.83	2905284.579	5113223.958	2409174.171	3242149.919	2893627.32	4705700.82	6859945.933	4270353.627	5287858.64
3056336.595	8452048.764	11244143.92	4208637.584	8148811.941	6216254.855	4612244.689	12525069.61	22214838.96	17042422.34	7267088.165	11359555.83	9917786.289	9326276.763
3964708.825	20656375.99	20827963.54	5871195.976	16956648.55	11531203.62	6812646.561	11482330.08	11585481.83	9693921.668	4111298.436	9080766.087	13242805.56	13075512.22
3917323.058	2538805.178	6053882.358	1502853.386	2558338.429	34608388.89	7985388.007	1511031.445	3514934.632	14361436.4	12202329.32	8548108.371	11185676.91	11223913.5
10862253.91	5208344.158	4506421.047	15287006.36	3440261.243	4702837.912	27562111.84	1821733.066	1158541.054	1431860.918	23245869.76	6870766.328	9403740.765	10678664.11
18419899.65	3322469.022	4890894.466	4777376.799	1514615.028	5183967.309	16477257.29	862260.9477	2322209.785	896702.4467	9247118.963	4649569.252	5780139.645	5931051.308
3030961.886	20458583.93	9290642.871	2714715.331	2648168.303	2677554.48	3536077.897	1450071.991	14385233.11	14312681.65	13059002.2	5876742.252	7301870.611	7888325.494
2050886.202	9419945.107	6723048.725	4535784.137	13799962.14	5484404.302	3723765.417	1894008.451	34324349.96	9800661.164	3091208.347	8465306.565	7171922.973	5233587.788
10770329.89	20193712.46	18893685	10101256.63	12726928.08	8311266.087	17777576.35	6584993.35	10498247.22	12567094.54	5452798.919	9983677.567	14218110.27	13868268.32
18109828.01	5505915.916	8145725.893	16021855.77	19364196.79	8258269.702	30893246.66	5493585.856	6965850.846	9550399.587	11827691.78	14246673.42	9598895.649	10446115.83
5546799.819	16166311.5	13577927.32	9033979.054	17558358.67	16262041.65	17047477.15	18170679.06	25350557.63	28009115.99	10536955.43	17609127.95	15033225	16483074.6
1181848.007	1803551.904	1699680.815	1210826.887	2434286.805	1970204.63	1800391.215	2138765.073	2199629.413	2425246.423	1468385.435	4866188.687	3937505.16	4343817.121
1510484.656	2785563.235	2095385.093	918159.6894	1583004.626	979554.8159	1120303.478	2650382.294	3305613.98	1768712.991	1106814.269	4812826.912	3972281.628	3945848.406
9221133.415	19462947.29	8866563.658	9594103.705	5858573.646	4389653.633	4304368.988	2016662.423	3482313.373	2232838.122	9795632.257	7747351.062	6641230.258	10550265.22
6687289.643	6329111.45	5668874.966	4199461.142	4232250.85	4876332.693	3718929.245	9257573.447	4932935.484	5027319.493	4313923.205	7778798.793	6516887.893	6715911.402
9028160.427	19097989.17	14963256.09	19236240.44	20559591.01	24067188.77	12276524.12	23543227.6	22000055.92	19069584.44	17318384.26	12367255.48	19342989.42	17371798.05
5957637.08	1820243.148	820970.4465	9861148.971	1050591.387	1011929.212	1447319.073	741926.7439	7129576.394	4914192.093	21460338.24	1294791.4	1272463.766	2203372.727
5644503.129	18847926.3	21216108.62	9162909.016	13136965.72	9641482.814	14409341.8	9342988.606	19194838.53	23972124.29	5592581.519	15196641.33	10881140.61	12292203.44
5011541.99	10136237.58	10022215.14	4045798.541	5299336.104	7566130.326	5166569.74	5365499.656	15302023.7	10973857.06	11801338.68	10144669.52	9116382.696	12348514.49
16793648.75	12330949.28	12983316.86	1698869.787	14370209.24	12355067.44	28884292.13	11699138.28	12139783.76	6560936.005	13241933.1	15155806.7	8647854.76	8995599.986
4757009.857	17834737.66	13760879.95	11584691.99	22951782.31	10348681.34	6394669.379	9752472.051	9098328.672	14303293.79	6472394.844	10407903.24	10951015.04	12488535.49
14467686.5	3095294.904	10912166.89	18380109.99	1414773.324	12937435.67	11095054.04	5045117.282	6741549.709	2477124.029	17080140.71	16237734.3	12035605.95	11115686.59
4580942.32	17904968.77	6447431.646	6009298.167	17981617.73	4934792.244	4931318.205	5730446.563	3214345.744	6269151.236	3417429.529	11158564.72	5873885.52	7338766.715
8148391.949	17628931.05	14327746.2	5626807.08	6557443.921	6349082.776	4914143.548	14761621.01	9592492.276	11458322.62	9875563.621	12746225.99	10238954.58	12245696.69
6375722.657	12841678.8	11492870.25	7139208.308	14379130.34	8353196.465	10707851.59	10710778.8	15433806.95	14893993.32	9859295.643	14301280.66	12070654.67	11353543.42
1309897.625	2285764.845	9579811.242	2219059.989	2558864.239	3987665.215	5848441.536	10021058.66	5358804.914	2353543.003	1334110.017	8476783.568	5330380.231	4258654.614
7111290.915	3035571.909	4351582.166	3707760.41	9377291.651	12669733.79	7759387.087	14682564.1	3106844.176	1674574.891	1173817.176	11069287.09	7448050.625	5888870.067
15454543.52	5034888.491	8322619.107	9520299.253	5672402.008	6191297.986	9023230.618	2514736.2	2255244.807	2875535.802	10354823.69	7226426.561	6402336.814	6266932.514
8550430.302	17184963.18	20440120.01	16146746.94	14166013.46	10683372.41	14097111.44	9444603.169	24512708.29	16562236.49	11369541.06	11008147.9	6368289.229	13945180.25
10641984.17	11140476.55	16513465.3	6925481.748	16838217.61	21896694.05	27863985.21	2338006.868	1807442.443	15087079.62	4843263.453	8011392.127	8454689.488	7780937.862



2057769.144	5210461.752	15104854.12	4009109.064	5057716.281	11456542.38	5316854.196	5694546.575	10342430.75	16511534.99	4117746.43	8774821.039	7565271.898	6920512.181
5043281.508	16838538.59	4174996.121	6912614.045	11613858.95	5950747.401	10355718.28	16896228.33	22372831.14	14011913.03	5548259.24	13893255.72	15686899.1	15494570.89
4193182.956	7790927.944	5250116.696	4163025.287	11471329.66	18557892.06	12218184.23	17290086.77	23128139.46	14982754.89	6420292.136	15049769.74	17941524.98	14318738.91
8303003.555	5693885.43	5106594.619	3038924.491	6738297.77	22041316.42	6966427.164	15036838.97	4100097.787	12577452.33	2374632.421	7476076.134	6284821.718	8639273.088
7514523.581	12313116.4	7365351.612	8042442.826	9902035.944	10757278.42	7976084.993	8050437.808	13711069.4	9966919.571	8139981.144	11740403.65	9923459.772	9638070.553
7860501.528	9820988.309	12087940.4	9711789.278	12745573.03	9669050.745	10205496.8	9334759.371	13212382.45	13063909.8	12043110.27	9560745.834	10218930.9	14829617.29
14721090	2195629.838	613941.6782	9945855.933	2357813.44	3479610.401	3445959.802	1513293.084	3350714.045	1619390.65	4525831.118	6150342.516	6110681.462	5815982.197
3247749.557	2794781.569	3545498.695	1862044.276	3307672.847	2000639.064	3877923.957	2582237.635	2968378.512	3376621.506	2539103.212	5042226.977	5969040.183	4906445.029
754718.1741	16317086.21	4993128.378	4556715.039	7725561.039	6410120.544	4383351.484	6098511.043	19605273.59	14455329.6	3109115.576	7079917.845	7252373.111	5771843.471
5308046.909	8896937.151	14236516.45	4966610.781	9038037.244	11610469.41	9459739.837	11089789.59	10449237.15	18721004.72	3957711.04	8120810.889	8941129.215	9478650.223
6786610.301	7708966.328	9939680.844	5105390.135	9876768.382	6780945.634	4622092.215	9905567.567	11339535.09	10713760.03	7548251.949	11940610.86	8703328.658	11733481.63
6563110.094	437640.9266	7407156.26	6454525.754	12582246.02	8195760.595	6886709.975	10125285.74	534289.5738	11196457	6530374.892	14149380.96	11193586.87	11948642.92
2966373.811	15534390.87	10672816.34	2096141.625	1836730.769	2507737.131	1120026.742	1855981.406	1721110.453	1823334.266	1341472.924	3264319.52	2797915.115	2460076.832
9576393.341	14998570.18	16846657.45	7041061.435	12371181.17	14691385.75	20816926.56	16865675.94	12238225.55	15976422.93	6489494.006	9964402.875	13267757.58	15819968.27
2555639.189	6867411.842	6307608.512	2997487.606	6835589.574	5654377.17	4540978.094	8246205.374	9429360.887	10996420.03	3317701.121	6855921.143	6731001.326	7845573.072
5581985.095	1742895.071	2175665.251	9600886.143	10224475.48	2473477.636	24314909.33	857145.3525	1087731.148	676177.463	5712986.717	4614419.216	3998597.787	4602183.252
1072895.824	14720565.34	8154475.591	4290380.966	14152260.27	4922126.949	12496932.14	15783214.02	13587344.61	20157888.32	5323063.201	8821899.619	9921674.137	9019651.351
1652435.939	753863.9068	1311847.426	1989268.014	2171057.336	1945593.113	2742767.02	1072531.766	591118.6562	606211.2892	1920061.883	1747355.14	1295496.705	1317780.512
7748010.449	7051150.205	9596928.358	7328278.943	11972369.53	15171836.86	8316209.691	19294987.54	21236317.19	11300614.92	6767508.532	13043384.99	11838487.03	13471604.78
12164691.32	6939437.617	4652233.941	4385583.744	7276211.69	11598441.91	5191307.465	26214242.57	13473902.21	7732317.551	5351935.392	9612964.215	8715931.96	9767376.763
9712848.55	6339882.605	7833127.192	2173611.847	4339708.16	10528015.3	6139519.503	12824449.07	9311369.552	12284854.95	8021134.373	12862037.43	8488230.273	8933505.588
2354098.555	14361565.18	3655437.868	2348593.76	6521175.654	3753744.297	3811830.473	4299301.187	7273534.572	9704140.932	2997888.769	7790668.861	5424789.455	4845563.511
9172205.077	5192562.767	11292337.5	1431549.06	2563266.929	15153533.09	9374097.558	7431015.485	5210622.508	14650445.91	3235141.439	12814513.05	9391577.95	7863713.498
3607673.174	9650882.52	9307835.476	1013521.644	5639257.049	1774806.541	7369586.491	12584520.96	9162552.964	6471691.18	4189909.77	9549845.504	9709282.695	11697242.76
10276765.98	13710696.26	9673826.798	11784065.92	12181333.11	19344578.57	15011152.83	22003850.22	17398933.78	11378096.27	9015392.441	12657531.88	12682692.44	12435622.94
334779.8228	159905.7177	707810.5399	328593.9891	441286.8491	251170.7075	590945.2526	137786.9907	731770.0859	380325.1518	202310.9859	920022.7293	635130.189	988593.6733
9254096.908	13968710.94	10366099.14	8925468.615	9614471.564	11467075.62	7173533.072	14231629.62	14231669.08	14996736.67	6415746.022	9128621.155	7974596.08	9733362.951
4793918.873	6472546.645	5530410.579	5191623.467	8236754.563	6052185.627	8849735.06	6955803.095	6010619.082	5807676.407	3825003.46	5773315.36	8390836.179	7569475.882
1148623.913	3635488.571	1374080.286	221532.1174	1387058.061	1262973.319	1384625.238	1173466.623	2825941.799	5526948.317	3434155.509	2594673.719	2355090.457	2502954.568
1821363.37	2807938.929	1284389.587	1516399.439	1139316.409	1621692.213	2095589.817	777943.6291	3337743.185	3237708.231	3822789.444	2100509.154	2762704.608	2023453.415
1478708.018	473047.0473	2577138.752	165791.0961	330527.4078	2002845.047	1832340.421	3839449.953	456038.4114	245893.6205	264232.4656	2080301.09	2165414.452	1547599.738
4311388.004	10155746.63	7437932.771	3440786.935	6341840.666	6840906.749	5295603.201	7950312.49	11173008.51	17289353.78	5554847.508	10320316.51	7411891.329	9380718.909
2280731.686	2497182.989	2449926.397	1127382.599	4215359.231	3445983.458	4288302.974	2060167.557	4592424.329	4190619.276	1632564.288	4649204.195	5664181.488	6700481.729
3446154.178	7464718.667	8418986.506	3474867.063	13689519.08	7381469.093	5819291.456	7814428.373	12265134.35	10784519.79	5340210.396	11957993.67	7572447.227	8410930.568
5881146.498	7040645.855	7228739.858	5119968.128	11273773.06	17017313.54	9313817.837	13777503.58	2149904.476	15252437.43	10132824.96	7150257.402	7003874.766	8168796.073

2989672.866	8812992.85	6371575.107	521616.2599	673598.2791	5130705.514	1076125.232	5607856.242	22086827.82	16254224.29	4664830.716	2939009.637	2420041.185	2023029.037
5539098.043	5174766.83	7148060.031	2298667.039	8236451.248	5223710.465	21642285.54	6438150.758	10263863.82	1860947.814	4136181.594	4943492.246	9755328.161	6348259.938
11758844.9	2388479.961	3444803.335	1240475.653	1682521.285	5256481.773	5004171.451	17626061.45	5617626.404	4655900.029	1935512.851	5576570.87	4684842.745	4248012.087
3252534.768	7335233.85	4830047.78	4182334.319	5427415.389	9021996.505	5344556.123	10675968.27	14481173	12212728.27	4028241.665	7523644.816	9337170.384	5530913.941
1061515.08	7284338.384	11666518.47	1088447.219	4071463.377	6611874.252	2733995.434	10590141.18	2029565.907	6448024.165	2467863.763	7141414.112	7391930.552	7153842.481
3038949.585	12418390.97	11171434.73	4069140.64	2533205.696	6714422.69	3082849.078	10124546.7	11397718.16	9548639.732	5591221.696	10412572.07	7197160.214	6690714.611
3420795.155	3324852.255	3391950.808	3454127.949	7275460.34	3558356.977	20475014.21	3525536.013	3971833.945	1311331.146	6766417.184	3089504.662	2609360.252	4493806.651
2058222.649	3592779.829	3729573.527	3085787.409	3033005.471	9508895.302	3038096.172	17407592.41	4144044.333	12802142.46	3803117.264	6095413.381	5849385.787	6348391.348
985799.7503	2622504.47	1898106.167	1556632.583	2209161.664	3338796.38	1607243.354	1946211.179	2066136.101	2049648.569	1419164.468	4000081.711	3418470.226	4792196.084
1146982.124	1375101.951	710883.4105	1470069.443	1474528.97	1047705.432	1447989.851	2199156.918	2030910.565	3832763.631	1694229.244	2490090.92	2234262.23	2441565.277
4640955.097	3203385.376	19588597.67	4084473.25	15335051.27	18911109.91	16080776.89	2722583.931	2500761.45	7107614.007	1278874.086	5342272.311	5576196.414	6854801.468
1618027.481	9000434.527	10750888	3901967.964	8010545.517	12449508.8	5861885.463	11219877.54	20503393.55	12977055.89	2252107.032	6087691.468	7439039.707	8167480.042
3450557.881	7310084.095	4877561.207	6667651.079	15323848.57	4093036.483	5876511.364	5028843.107	5805930.056	3656453.835	5364177.978	4153185.513	3381036.102	4792877.331
1031019.235	2649176.58	2554642.483	1677094.958	2243664.798	3012278.253	1486529.301	2788621.569	7856692.324	20643280.14	1044970.84	2269410.902	3720468.41	3390298.348
934571.9526	1682088.694	1468771.182	605866.6162	945338.0557	7281813.434	784070.3557	1736214.217	14302417.27	3685208.82	7286846.585	4622790.909	4574669.673	6312297.408
2235151.153	2400558.297	3026978.265	1205063.552	809901.4674	5937811.801	2433427.242	925323.5634	659428.5474	510790.1282	2596996.819	3278632.301	2538344.16	2776556.184
3604331.264	7962607.187	5432148.611	3796895.228	9689298.874	8896601.088	7303864.076	10350817.21	11150525.77	11197754.77	4090096.436	9069425.776	7322171.138	7982010.893
1008048.946	4033605.999	2106732.563	980230.3742	2873191.384	2498700.779	1149388.618	1392776.903	2865075.935	3738650.769	1123160.562	3907593.186	3855572.25	4926003.439
9955633.956	813154.8968	2449660.537	11986709.45	4209251.871	3479104.683	12145274.11	2924668.613	4873534.285	1213192.963	4656022.971	4203074.321	5130764.1	4292102.579
5626243.148	2344584.627	1691873.316	1885116.554	14234253.84	1333550.84	1579959.365	5348598.993	1866989.363	1783562.207	1608466.729	3488265.741	3943832.764	4386591.973
1334491.467	1342143.886	4386940.061	1509807.917	2650811.285	2090721.975	4727952.321	2347499.96	8148520.657	5173647.531	692791.7114	4594575.329	3754043.122	3407000.663
1048810.857	228956.3404	370786.5777	1137966.656	244833.4639	474826.1394	564802.1608	4185040.413	195627.8135	193196.0645	294884.7763	1351390.955	1245813.171	1104546.219
1262861.433	5097934.304	3715305.19	2558397.083	2055126.554	3508934.812	1923192.095	7003424.982	17031824.68	19016737.89	5219427.185	7973348.406	5452317.859	6014225.404
925140.9489	11207122.21	2022438.191	952023.8096	1916505.105	1570624.751	568660.2427	1347982.781	5824304.295	1657207.198	4451361.31	2470380.575	2276801.276	3241574.293
2518026.826	2885144.813	3023075.723	1365043.396	2739039.61	8322713.941	2426070.656	5556849.04	5373916.33	4453260.606	1828510.809	4510744.732	5213022.888	5346264.189
10022986.34	2624183.06	6949429.988	5050891.286	12960314.96	13327849.54	17928493.23	9034165.361	1722130.882	10325109.79	7530935.069	5641306.521	6650835.017	6693911.49
2231398.201	3499932.427	3730785.682	2393481.252	4073323.168	1977624.753	3045832.157	2258141.26	3275834.244	3775390.642	1617289.059	4653635.723	2489243.165	4112202.039
8257761.223	3948637.807	8524585.452	9116500.629	7389735.94	14381150.85	9352086.853	10320336.36	7498887.167	8251793.89	6345480.708	9446012.382	8476161.302	10088606.66
4734235.145	775882.9167	860467.719	11377008.32	6587079.428	985232.5981	9804605.821	772018.0285	771037.6838	746877.0574	4740690.43	3688699.524	2159560.295	2268002.808
3042072.335	6505541.145	4127986.304	2522950.159	5439903.702	4857403.056	4391906.661	4627535.825	6347306.71	7145916.922	3709961.53	8986426.051	5989721.522	4718595.576
9186145.86	3592980.955	3717120.277	10884851.24	8615670.543	4172871.76	2750953.963	1508624.727	1750836.685	1261925.178	3866045.906	4132719.69	2424079.971	3040475.387
2878294.246	8218815.94	8392237.469	6494384.638	5277878.414	9127679.437	5021321.393	2678883.119	8507522.715	17419286.07	4094957.153	7910831.085	7531105.403	6913972.876
7728491.238	1722670.657	5156466.337	6992321.691	8004075.944	1051752.447	16854181.59	460232.016	414315.5432	846550.7885	6451119.753	4202800.025	3417620.84	4429623.089
4148172.711	642950.5632	1826138.592	5378848.952	5781734.363	1112648.858	16659309.13	297392.2239	306417.9337	232323.4217	6791338.902	3422939.028	3263528.752	3217971.681
8963281.368	4713861.934	3446917.337	10355118.66	10247695.57	5188181.835	15480909.43	3262038.409	1533311.552	2060752.636	7015943.229	7112831.684	5559176.328	5631182.567

4464341.972	5624977.655	8540565.564	3874432.703	6313832.097	11133269.49	9822908.837	8794799.106	8092304.393	8026046.72	6931681.429	8881526.594	6616064.076	6246857.091
8741435.495	3605966.597	6747298.295	10463801.05	8947254.31	5661245.221	14988299.71	3894319.808	4313739.974	4166320.269	10436835.3	8526156.497	5910231.367	5747731.326
6949500.931	2416556.694	8818140.599	6785779.628	4322146.966	5683967.485	6751143.757	4911490.502	5522958.96	2849857.821	1911949.97	6320431.159	4304562.853	3515346.554
2453265.337	7028788.412	7080071.612	2740630.311	7078407.093	7248335.292	6863202.912	8868961.862	8640423.159	13106240.82	4657903.432	8783111.01	8329862.705	8958393.548
669784.1835	5230781.825	8845533.184	1282300.037	3462523.845	8102760.84	4216412.888	10970537.6	12161364.49	14495146.04	1342277.106	6846206.292	4252371.245	6781573.568
3091398.569	1063379.246	3285797.433	1154488.625	1015571.381	8089752.561	7425831.506	13787445.36	11382948.01	14884950.88	4585973.213	3583922.911	4461674.488	4789694.231
928186.5335	762618.3787	534719.133	1308590.063	772316.732	630660.521	348582.811	782144.8891	805880.0992	929597.8049	1029191.156	2037553.637	1673147.538	1296313.431
799602.5868	2648312.951	4286527.637	1346483.924	3028147.648	4164419.277	2729173.74	3676332.904	4425650.336	9121822.125	2045812.648	3486854.455	4610543.196	4072878.242
7537580.787	285908.3177	254657.1372	888622.7939	238030.8727	195728.2925	197670.2895	342868.5644	297463.7228	280922.1775	94650.24164	855937.2765	529018.4087	546172.8258
648863.6224	6836294.502	2848362.014	2349332.161	5176855.88	5415440.032	2793589.463	4186677.938	9242422.987	4442492.42	1650163.807	6121097.757	3983998.935	3499595.132
2326618.244	839238.3018	1103880.992	8784970.189	5126864.545	909464.2983	4213580.308	505203.1485	1628388.492	314926.7172	2664144.646	1788946.566	1246011.395	1659011.949
6665889.573	3885177.967	2860379.854	6069751.797	5624220.842	4118915.392	13628993.36	3065702.747	3907613.486	5057647.686	8351358.2	5929341.674	4619122.086	4458553.918
4419552.765	3911669.678	553299.7499	1379335.557	907426.6142	5463831.715	5307969.99	4532182.639	13781831.01	13366297.55	5636562.966	6244380.684	5282438.024	5144105.915
4682804.707	4927904.046	2856410.893	2376966.712	5642082.374	2352472.032	3884170.75	2408275.5	2708005.568	3462123.677	6755718.01	3099243.903	3956353.058	3437221.589
5286577.798	6469611.854	4693608.503	2366665.781	8298658.005	5042948.09	3538009.92	6470401.575	13547825.85	5271612.93	4369684.215	4548075.933	5209671.359	4792101.646
1249656.489	1140592.3	1863354.187	1365043.541	2999504.263	4143296.56	3353025.552	4493558.184	2969924.1	1926822.834	662836.3204	2837437.729	2324652.986	2353538.033
3725290.443	3974619.992	1564344.793	3980757.172	9022841.141	6307855.986	5510584.758	13149885.15	3974819.927	6411650.584	3691301.464	6026913.777	5599629.073	6296852.886
641710.6913	524811.4653	423262.1813	646724.8857	488978.0584	345513.5313	986407.8459	373155.0195	396696.0556	352771.6637	314546.8202	566775.4896	490174.1356	584911.2314
2346965.904	2701049.129	8771497.463	5185243.652	9222453.66	5066643.074	4076153.189	6302275.535	2022132.06	8969077.226	1534905.729	6825422.906	4207479.007	3996272.383
700496.3563	622402.55	3859709.521	1163961.531	5450708.911	1552438.331	1581555.192	793538.9382	601563.179	6450975.921	700669.47	2623692.968	2052250.24	2065332.608
4712044.194	7392426.352	3781309.811	3614212.218	6355982.665	4323888.252	2812218.648	6303301.283	6767840.948	6635803.961	3751324.042	5667565.244	5699927.707	5140066.799
4280604.597	1215507.733	4644977.766	4627862.75	387791.081	3874808.681	4258776.745	1227943.468	3199180.413	743699.6821	7875056.512	6489074.012	4570137.185	4240601.376
519061.2511	3032375.759	1228556.706	248323.1435	1324927.27	5137408.553	1080558.279	3321529.081	1931687.026	5818039.743	2909201.477	3445401.797	1974012.737	1867219.59
1881117.58	2271965.868	1225070.114	1031781.997	1681377.255	1512102.967	1251159.093	3262327.144	6331218.259	1726280.728	1558065.738	3394688.903	2447828.653	2739827.602
3282290.836	2441093.928	1082321.742	1154520.832	1440670.465	2209960.478	3155537.933	6937437.09	2282682.899	3773158.506	1600066.258	3677434.399	2903787.281	1913826.207
576077.7816	919359.3429	5398140.709	731658.9684	553713.0051	671636.7764	531724.1778	592314.1556	1277240.328	811325.7842	629805.6071	581582.2529	876635.0612	646909.1302
6167000.307	1444035.309	3922003.349	7111756.234	3805701.455	2136780.707	11482257.14	1515418.03	1745174.306	1750438.275	4792043.683	3362663.196	2664003.368	2748925.697
1777494.138	2403396.819	1575594.832	1324951.956	3947694.162	10667564.5	11476314.16	7080141.769	1993920.74	6628031.454	7242233.06	3680490.614	3166272.763	5466805.509
2455401.165	552907.4017	796224.8877	7233018.782	5220561.327	850308.4169	3254188.458	487357.0056	480037.491	475441.8588	2584267.469	2029192.067	1863535.861	1239357.205
3680234.95	5932843.172	3420053.614	3729347.412	5413422.465	7117311.544	4930155.804	10758640.87	9825886.681	11526270.59	4252279.559	5071244.385	5705867.482	3885478.849
279618.2113	877578.1509	1108566.935	420701.3078	3331543.164	623234.9097	6650803.971	2576871.158	1067582.012	431728.4338	557966.5452	935240.5182	996013.3932	1158057.671
1927989.331	3548966.433	2883264.351	2062984.408	4432553.219	3586343.163	3730989.534	4393594.001	5926618.291	5840814.075	2518796.375	4251133.56	4307000.495	4443581.496
4468282.233	2620339.311	6370480.616	5244210.403	3591667.084	8587096.734	5902976.19	10499369.23	4154888.412	5686929.325	4379423.403	5692857.034	4826850.104	8772662.409
5792764.227	5791495.48	3313861.681	4303416.031	4214218.012	4160695.146	2054814.04	5475092.095	3878939.144	6030516.653	3871033.92	3370739.712	4291331.487	3748914.286
3155986.538	1883362.15	3560084.393	2009915.186	2032899.076	4251751.005	3966098.961	7085984.61	6522677.028	2839662.637	2115807.264	4397480.77	3271909.726	4056447.365

140677.5725	3757802.727	2717281.539	1056480.79	3049764.469	923085.449	2389550.561	2028364.537	3655363.273	485910.3816	1996380.437	3872149.547	3175365.691	3052197.2
793278.2106	337322.09	443468.6678	172561.7392	248013.9578	757274.8107	198976.9632	454722.485	990063.1998	4453867.48	1159182.736	1747505.507	1444700.966	1923173.047
2417969.523	798517.819	4034425.942	603859.9689	747429.8659	2522225.728	1482652.174	2383733.057	2143571.826	804816.9033	418894.2225	3437977.241	1831525.071	2299419.303
408590.8786	576177.0758	599932.4436	2996255.924	7617556.575	613999.5757	573850.2268	641196.3228	722730.0941	782376.5739	385456.5793	698526.7037	620199.2184	604953.4268
1388674.586	2821376.589	2174948.004	3346056.563	4692303.493	1591592.769	1489363.28	3170194.679	4370709.07	2528713.19	1944899.409	2678860.079	2965648.684	3245180.759
1980705.745	6045931.185	5611520.737	2313429.158	4440737.918	2799061.883	2881032.469	2014798.706	7058983.839	6990284.287	4080256.507	3540743.712	3814805.627	3842242.005
569921.695	2898256.009	1736210.856	689868.755	2365835.348	2065587.908	1604458.33	1213833.666	6539450.948	3678454.71	1535448.998	2610704.988	1361268.617	2323852.441
5246509.063	2195040.774	1684134.75	2636302.826	4319513.287	2192707.605	2953737.971	3024066.025	2069876.34	2349474.247	2009329.116	2958638.536	1649175.151	2887046.876
1297338.623	5103150.415	3843517.438	4144530.133	7308525.963	4103255.996	3238747.186	6262525.707	5582058.617	5975130.12	1872044.644	4148621.352	4402891.072	3830829.667
3990944.817	3282156.94	2593421.261	2443814.578	6259995.742	4114273.176	9507223.234	3655287.22	571426.4109	4613788.186	1897899.044	2368607.702	2444376.038	2364838.321
4047294.082	874670.6501	2385014.014	5550536.046	4161166.064	1512065.434	6292058.283	571270.1074	980421.5711	653707.686	6360484.494	3449106.12	2181383.644	1798964.509
3972178	5577078.159	3001608.75	3819624.38	3340163.441	4727679.373	6142474.432	2837281.897	3192895.238	4457943.746	5622276.921	2644646.152	4103196.664	4598368.729
2552243.448	5080541.369	4212361.226	1173010.109	2935458.212	5107448.51	3515794.795	4371514.647	7312404.932	3974910.746	3680251.505	4389942.856	4070523.838	4074014.31
4711329.043	941493.5257	2439886.048	5793303.891	2133897.82	3385888.621	7004347.629	1800289.973	1369545.711	1847394.487	3872958.382	2969027.699	1811877.952	1869234.358
1362735.266	3559875.867	2832192.465	1739417.439	2990978.509	3265499.02	3048297.392	3518083.249	3426972.147	2880186.423	1592548.904	3302743.698	3214644.577	2738111.284
1110699.553	1728755.892	2246139.781	1313455.405	1435449.59	2864530.939	4368480.573	1674996.422	2598582.804	2495855.884	1487869.72	2637042.795	2098353.146	2650716.829
1427645.585	435558.3356	1414551.246	1117779.668	2456501.767	2953333.56	8887422.808	1379947.506	259970.6656	1423925.869	960459.3806	1395056.265	1167939.583	901599.1192
1678580.123	230807.3435	2578935.019	1116757.08	1140301.415	2582210.563	1632589.555	4407659.053	2091393.175	1121827.051	824409.3642	1283948.981	1078418.477	1185229.525
3529515.429	4885792.031	3758746.79	3142006.962	4493680.291	3975099.541	6257528.149	3048964.858	5314414.683	2957292.786	5419075.851	4622282.448	3760756.189	3842013.797
4635339.036	1080724.344	2014068.3	4359425.017	2488904.827	3009879.373	2914727.001	1386734.571	1541269.701	473647.0978	1734676.268	3307220.93	2307510.524	3621848.644
661303.9608	849161.2952	876668.8382	227915.1257	332483.805	433395.7163	592143.4102	797886.5437	1304546.749	1352816.43	475820.9988	1527526.328	1384813.44	1299939.383
3217108.7	695056.8584	1279568.453	5299806.476	3608774.837	1203833.436	6892844.383	384888.2512	306456.0617	448265.9146	3779004.079	3054264.409	1664644.462	1884290.533
438121.3581	1310884.057	4180897.167	2262451.486	4123063.154	4425882.357	6980647.884	6380090.004	3867900.781	1588213.548	1331289.826	4354511.195	3521643.32	4379497.997
1173962.661	1666736.36	1496518.64	1170416.369	1128031.048	1254744.904	5804789.761	1435366.273	7908393.838	8156204.608	1328886.129	1753630.443	1929417.399	2234388.542
343406.9579	273496.1189	255302.1833	76354.11318	114625.0587	155355.6468	278689.6138	311705.3207	212141.3385	164183.3523	126452.7716	446660.5818	265411.1037	251099.6522
2605230.933	768683.4255	626458.0788	4969050.002	400086.8194	1410464.728	503571.9103	939486.2606	571133.53	353302.1943	666646.9562	1714497.847	1228276.398	996487.6557
992312.3733	153645.8119	4006271.662	913444.346	1574409.559	3482103.62	2998948.105	2504243.479	2186505.511	1596487.434	597707.2204	1999327	1242483.981	1018056.035
2346662.906	1571476.451	1214524.554	726676.4398	1164807.092	1069758.457	1019241.537	1491635.156	1587110.133	1919842.481	396123.4639	2880646.868	1501893.13	1748889.334
4072907.969	1018223.694	876430.5054	1652018.186	1022473.012	1895707.165	1211015.662	816993.2339	362883.6511	403742.9916	1304668.224	1877166.661	1431805.213	1299507.062
2319680.554	3075715.683	2689705.515	2440144.903	3177424.319	2701813.909	1808557.471	2382232.511	4946289.395	4175499.735	1525806.363	3293577.21	3237616.218	4643958.989
3201903.118	691971.1355	1110904.377	4391150.806	3291989.741	1133892.916	5235884.733	771771.1177	775633.0085	517162.4882	5031918.788	2498461.202	1562276.012	1818152.908
1760209.973	674441.634	983839.0293	4658160.019	3716067.683	984164.0316	5224947.459	782980.0685	704863.6364	668507.5225	3713338.054	950673.6909	1018921.508	1589246.109
650230.2515	913760.463	868113.2461	297514.7519	260491.8473	1780314.256	1408282.73	677635.35	970686.2401	310119.9257	1046123.14	1291678.85	1334038.867	1602654.189
143848.6337	188417.3147	185018.0972	85770.40688	292383.3884	754716.646	173721.5808	3096996.788	230354.9263	138996.4235	124025.7559	324084.1738	198854.0808	187643.0954
3617688.783	1444426.347	1989836.507	2303953.942	1155089.249	2194157.776	1014248.155	1250371.44	2692523.25	1608661.066	2425337.407	1869934.063	1912702.106	2169278.096

1422583.377	2572797.48	2089257.581	1418155.422	1851913.597	825883.2937	1779494.326	1484120.285	1564241.282	1319527.83	908666.204	2722966.862	2243903.987	2098044.787
731507.2493	1758722.093	1441477.27	853465.3397	1401155.963	1318519.47	1677197.69	1139202.786	2251846.802	1494410.419	797559.503	2193320.576	1494125.725	1491917.976
1841076.233	1311994.263	1293788.129	657780.0497	1449981.849	1096145.853	821841.5502	1022706.531	1580032.549	3249243.467	1020846.276	2457826.834	1322495.09	2106680.562
3234655.383	613793.576	169837.5981	761812.1562	3590313.194	401924.0128	360066.2386	1343740.615	145023.2103	303313.5007	182346.2548	891371.1904	693980.3985	674524.4177
621497.2491	1011519.732	2034597.208	2188501.783	1954639.527	1486350.707	2852718.796	1006062.737	1431404.019	1044175.864	1533205.106	2189660.503	1685796.741	1719863.904
474928.7597	273843.716	368389.8461	486672.2274	456347.0406	398639.6471	702861.9799	317913.6054	398961.5084	271073.626	537603.3341	495836.7766	505802.0646	443953.6351
246373.3993	423790.6088	495248.1698	666229.8783	146204.0912	386890.3175	409548.8323	188265.8803	271892.9094	125399.7209	77516.62532	858996.9756	585544.3946	484291.6259
1300266.168	3370756.025	3348338.957	818926.6802	2255270.308	3882950.94	1837685.952	3666504.656	5444164.162	3838089.977	1502214.986	3029562.103	2937673.622	3273341.36
324143.1252	560079.7726	421965.3303	395107.7324	1152090.774	1730882.307	773712.2107	1491826.707	466752.8168	367796.9657	160832.0985	1688400.011	1100310.876	1394101.033
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708535.2152	296962.6604	656228.9344	336981.9772	4019064.096	585685.7405	564132.7405	2557338.496	1249929.396	255379.7958	257333.6545	142014.8686	134998.8039	156711.7336
492204.1962	2731307.711	689441.2972	584558.4776	1486428.834	891803.8817	1036429.523	939740.5798	2066958.158	1179568.843	1098225.759	1354433.493	1578188.747	1747939.213
2614031.796	2803204.712	1261968.039	1503029.374	1451862.035	1801485.866	1704448.191	4702967.878	1150249.461	622466.7257	1182648.379	2833050.915	1693411.048	1914902.273
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915113.4159	1133633.484	1126298.783	572964.4611	2544933.62	2558324.027	375400.8608	1905624.761	1662729.966	2785942.498	1093354.111	2454932.657	1968996.185	1450204.836
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2709391.936	499597.2198	455807.2014	415578.1742	404060.3943	320359.74	320613.2698	306110.0328	535623.7353	412383.3831	1859911.66	428320.4657	318679.515	320251.0829
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641975.7789	1646652.391	1156777.914	597723.614	1432640.202	1090923.806	1154150.8	1117161.057	1840232.52	1731771.72	922861.4062	1360022.383	1103555.934	690112.3136
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2347273.126	2373895.432	2651653.091	1494879.603	1017016.045	2818865.413	1456414.4	1737090.733	1623750.728	1999408.153	1573637.108	1513751.388	1648422.862	1407497.572
512411.9063	1726435.923	2431904.509	1240593.769	1616800.208	1752594.972	1153654.438	1292187.089	1950987.377	2123396.196	1113392.841	1349653.672	1818043.657	1813867.036
2128837.481	1309816.391	1160718.752	1058874.928	817604.5761	866396.1013	1139320.481	1331246.683	977741.1295	723710.487	1096130.208	868958.6965	1290601.31	1051071.502
138282.604	2331246.007	768313.1389	486215.5232	801141.512	238858.7849	123753.6406	155666.0716	177871.308	205443.4156	92999.22061	173909.8273	141268.5814	171735.3761
683355.632	327459.7029	430884.2427	1365567.684	2817562.528	477798.3398	840475.6498	380158.0562	335802.5824	324563.52	632339.826	433889.2346	453655.7524	570683.7124
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1909163.221	2157322.425	1519298.201	1224540.666	1315241.454	1177520.291	379268.1512	1032652.352	906959.3049	427121.6537	1416196.156	1060678.546	1402054.086	1005148.833
487461.8012	1371060.973	864497.987	677054.9796	1617127.735	1100546.011	1024513.486	1474331.113	2343637.485	1964925.936	674789.6733	1404112.977	1161487.558	1223568.936
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1561383.514	834677.9818	1283663.824	386404.4724	468726.4876	1948622.101	1469603.272	1081182.05	803915.793	2863222.189	384707.0839	1572847.724	854652.4642	1082657.926
1156510.982	1389645.734	1535659.768	426219.4571	1456526.181	2338323.853	1375658.025	2188565.629	1198999.293	2744416.494	1224340.783	865046.6919	1513664.96	1153701.364

939323.3126	1188591.173	1320807.634	1090367.345	1049029.063	888142.7345	1049538.987	822542.7173	1458757.459	1098747.575	807227.4124	988901.6687	913858.2577	1092605.852
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275588.4359	284729.2486	232817.9941	302132.8223	239400.6149	200160.2	208964.0722	157483.5445	293509.4295	407454.8236	169348.7054	208223.648	255568.3375	231065.0058
32402.22372	66571.4457	46647.87788	7270.237307	15739.5256	36637.34527	41692.03672	14776.22752	28119.26045	8657.695296	9200.659971	80057.28595	54441.27812	52218.26483
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3889453.507	4043386.406	5887568.459	3203990.118	18632937.36	27117476.11	1403923.027	42519505.48	1200154.815	2563711.964	813898.9665	3249455.63	1902898.4	1775449.642

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63529643.45	25205814.2	26942516.67	24423970.18	26494213.19	51273063.89	90798554.8	20386815.88	30164605.52	20199412.29	37242382.68	23925209.52	34489523.21	44262286.55
63226464.34	4309882.895	5820088.968	4710240.831	6205324.213	4070908.985	3556016.608	4438438.222	4625229.854	5763424.906	2911443.651	11664481.76	8908827.756	8657563.943
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18801825.71	55525682.22	13996879.26	28161626.71	27992246.16	61472612.79	40724182.26	12911038.28	67564243.61	21509728.35	48056025.06	25533155.25	26770724.54	32232456.27
4627692.308	13654972.47	14527595.01	35185729.91	68413500.54	14581680.93	10772609.22	14822963.64	14545867.6	13328141.16	7453308.584	18425218.1	18147194.78	20935283.39
9256772.86	25960416.04	28599513.6	10103810.28	24394290.19	26715069.67	21966695.62	21149989.34	37477570.24	34969934.36	14397555.56	33494942.08	26440160.34	25763953.87
2501149.361	5107925.589	3518999.467	3714262.348	8059289.528	5761286.678	5275425.472	5465678.62	9289004.762	6985727.028	5291199.937	13902730.1	11069472.41	10867309.44
9692282.038	36568283.96	21530701.63	6851881.075	13070432.01	7417109.203	11400547.6	7492552.289	31202788.05	27309482.24	17363601.38	18134214.09	19053757.29	19498253.92
5949220.71	43265627.42	26046102.76	14922020.41	16407501.55	27884223.67	17817172.43	26730519.51	4389615.015	24912223.35	11553891.23	19009913.67	20057494.7	17489517.58
41104926.17	22168292.19	18750921.65	20837374.87	20818089.88	16108196.43	14587628.78	23666085.46	23101999.48	25678199.7	26688551.8	35337409.54	25345033.03	25307138.98
1395311.108	27089941.96	20189049.26	2109844.119	320146.7699	1497018.669	2469095.909	445047.6561	61896176.8	27497562.28	50085638	16522157.27	13627996.3	12650840.29
3401002.203	15545095.5	10480576.12	2104706.383	3053708.827	3669521.738	8433942.534	1675307.216	8026948.257	3606458.013	14593237.93	10635554.31	10641612.3	11875844.55
23268142.31	31275144.28	59810057.98	23002356.36	51509177.22	59914907.69	37854605.95	61632563.69	23552363.9	53099045.35	24352925.68	38204019.36	27557592.8	41725203.01
15505459.4	30614671.62	30937542.45	12703619.99	24753363.94	31596283.3	20892705.58	42119961.29	43548506.98	43609622.86	17708663.09	27979070.32	28843790.76	31658242.87
8812699.856	16293032.35	8694544.169	5088845.701	4141388.624	12564446.41	10377640.08	8548063.598	12071188.67	7241212.406	4313716.663	14600379.2	17671030.64	11931814.07
14653996.58	20567850.23	11262101.23	7728819.148	22247124.56	16531445.5	13509640.02	20576705.13	31216865.42	29803742.43	14586406.15	33736086.68	22493663.5	23539642.03
21168901.31	17481947.81	26110191.43	13093624.34	15129481.81	35256341.59	16730374.1	16896944.25	21474699.3	56375269.09	40134167.3	23322612.24	22464094.12	22878332.43
16355998.22	30628514.84	24137253.04	12887584.87	26478009.74	16257722.32	35500251.43	7654481.21	21269089.95	22539854.39	36996506.9	18319983.74	17881791.19	21730644.14
15266135.07	14681761.75	24599046.91	11375598.85	15507464.75	27396207.69	20757163.01	18500797.78	28494064.56	47447511.58	26177028.97	20057108.92	27048505.3	28454303.19

10520102.26	21653454.48	15900550.36	6307469.745	16030345.79	13579763.47	10381277.86	14385738.03	19637147.89	27150947.54	16652570.96	27750267.93	27157495.5	20253502.07
9701842.008	8524344.329	5622528.753	2719337.658	13522653.96	4033149.692	11051947.96	1874042.094	11705399.56	9190434.591	18824160.25	6973107.254	9403952.442	5964397.916
26040301.59	9402762.423	13221747.13	17438514.57	21231837.59	8637013.322	31488905.9	7704688.876	4430820.582	4161071.601	29376598.15	19844741.68	13148005.58	14457570.34
9248523.669	10831784.48	13802408.84	3789240.96	7409204.051	15944917.96	5891423.306	10685252.52	9534808.403	20832309.9	5049910.233	15828406.99	12207590.16	10695073.26
17695954.94	26358890.57	27290498.63	21076661.6	18971579.27	15491542.22	20445796.51	15241915.27	35869785.05	24380476.2	15751825.68	17896446.83	13889419.13	18717184.09
5641854.133	16502518.07	14897322.54	6947606.651	9122008.778	5937324.911	14186238.62	3185024.546	16990009.73	17170576.82	14849861.48	14780946.47	11132686.08	10898633.96
18334642.06	3789689.694	13643042.23	6173147.057	1378279.319	9984191.916	3443579.377	5668892.509	9446243.974	10913254.76	7460894.803	11640391.04	10883222.94	8678369.913
5954176.379	14785006.97	6355193.239	3626109.017	7373677.072	3798519.087	5345601.21	5359669.782	9389760.455	14101180.3	8250680.894	14053334.09	8467341.01	8950011.636
19862297.36	8153691.461	13213141.86	13268516.91	19663529.66	6933955.431	16648263.93	5980316.752	5727612.573	11343760.37	14947907.43	20005081.52	12461476.71	14122916.43
3573969.825	4564492.295	27491739.89	1915438.482	3633608.474	14336069.83	4132528.861	21004563.54	8355507.207	3807965.483	3550371.805	7844255.007	8441469.058	8662399.153
8474461.771	6663986.998	10979672.03	8092862.975	4053492.677	11429406.72	21862576.81	7686604.689	4837708.402	4717768.297	6374522.206	16707213.06	9420343.803	9131120.701
16662858.25	3542291.155	3762669.06	15132697.27	8612570.564	4100990.674	8741164.062	2134753.837	1372274.901	1702898.639	8933091.623	6547797.059	5688450.292	5223157.58
8025588.712	11273543.97	10273385.84	4983486.837	13590240.57	11040607.53	10287996.91	12191550.69	15577665.73	15875475.42	9041893.056	14349448.15	10946569.44	11625187.46
3108878.735	3681281.67	5341663.535	3772379.982	3996139.42	15757555.18	15533486.01	27237206.89	19845383.61	22722346.19	10436124.2	7434978.92	7977989.926	8346729.47
3212802.887	7218430.899	6670748.103	2468255.32	7213244.645	11630442.28	7315883.054	8918813.307	12427574.91	11204718.4	5274427.438	6606188.781	8004360.92	9644865.788
3933042.081	6272382.097	3353188.723	975117.7329	2328014.069	4478085.083	2086059.515	3783922.757	3754562.056	3218247.321	2640802.345	8040148.744	7553209.456	7830598.414
5074427.452	8992859.506	6511646.447	6211859.286	8979371.233	9228330.133	5289665.606	15480962.65	15997419.44	13997524.07	4760177.845	10586039.83	9794816.819	7319803.67
4726953.605	10426223.5	9916752.216	5581033.575	10344970.11	7588602.914	6571629.793	1467936.051	10581583.36	11134365.21	5073511.168	10396247.4	8966064.699	8448342.689
9606389.027	3080730.052	2981242.118	2333549.326	1582659.695	3049143.013	2119615.836	4257004.216	2228322.735	2349184.049	1587509.577	4385600.126	3331329.729	5856809.163
1671309.761	6938962.671	13338516.88	6386006.822	12665265.89	11842721.54	4016026.406	5415043.723	13202254.53	10718030.38	2790295.856	8400465.878	8248990.015	8501038.945
3105298.875	6360851.085	7364231.46	4701098.305	6897971.431	6862287.269	6771541.617	10945156.23	9709655.701	9018789.734	4387321.738	8575983.399	8034551.169	7383481.855
6827421.229	4072623.303	4920452.639	735014.6226	5210515.488	6848767.253	6580552.02	8413366.699	5573153.187	6226338.624	3224643.614	5007674.765	6471420.998	8234602.32
1969095.945	6401400.571	5578490.526	2638204.785	3000734.021	6432706.787	4401547.531	6404103.276	5023527.635	10330327.94	2964412.817	7438323.298	6609120.3	7317789.558
1231008.198	649767.2062	1492795.645	982840.9407	761659.5684	1807584.581	1711026.5	1030019.348	2026976.894	400075.6099	839718.6606	840585.3761	713812.0133	675874.4052
1332814.59	3445676.303	3291400.067	545065.6699	799397.2471	3987588.571	2254649.927	4095336.335	2333204.99	1045856.604	1311567.907	4847478.504	3777425.603	2955904.449
1966674.032	3951343.096	2110274.984	2197888.826	4291005.56	4132434.976	3848446.603	5418875.435	4659924.59	5601249.362	2573278.044	4861064.352	3980991.696	5337869.28
1138728.62	5152777.315	4336548.094	2258968.291	5653445.843	3381577.986	3498511.056	4671290.199	5279513.408	5620257.543	1888573.686	3849363.089	4712305.926	3879528.895
1502523.883	3054400.861	4191235.485	2125326.518	4171406.177	2768250.349	3051045.531	4124829.311	4405047.411	3953497.732	3228918.754	3189943.697	3510080.327	3376878.845
1024866.349	3971179.863	4769600.032	2202150.083	2288222.74	2529102.593	1796747.051	2750023.818	7062024.15	7410660.89	1673367.392	4071075.314	3527335.928	5485363.837