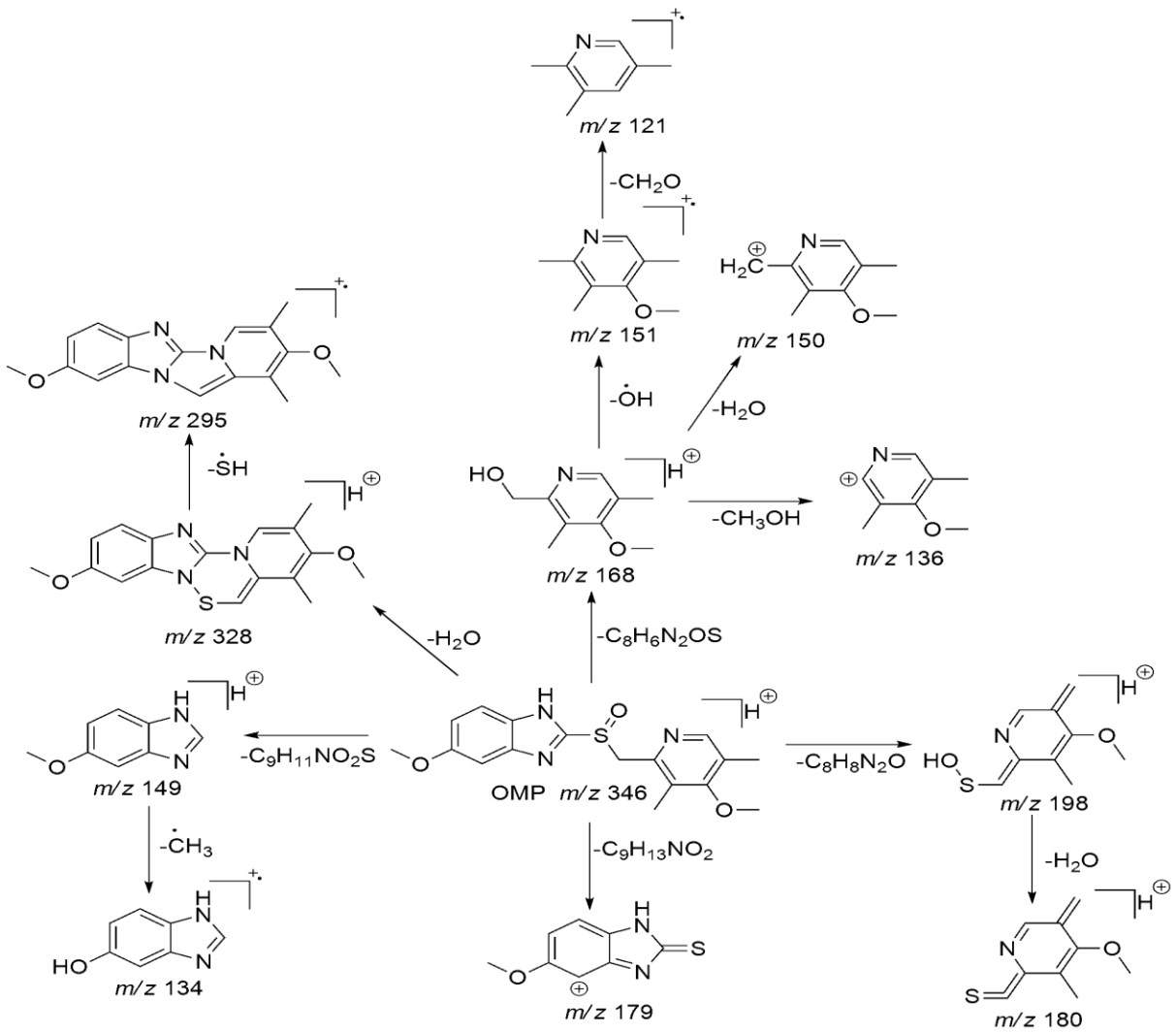
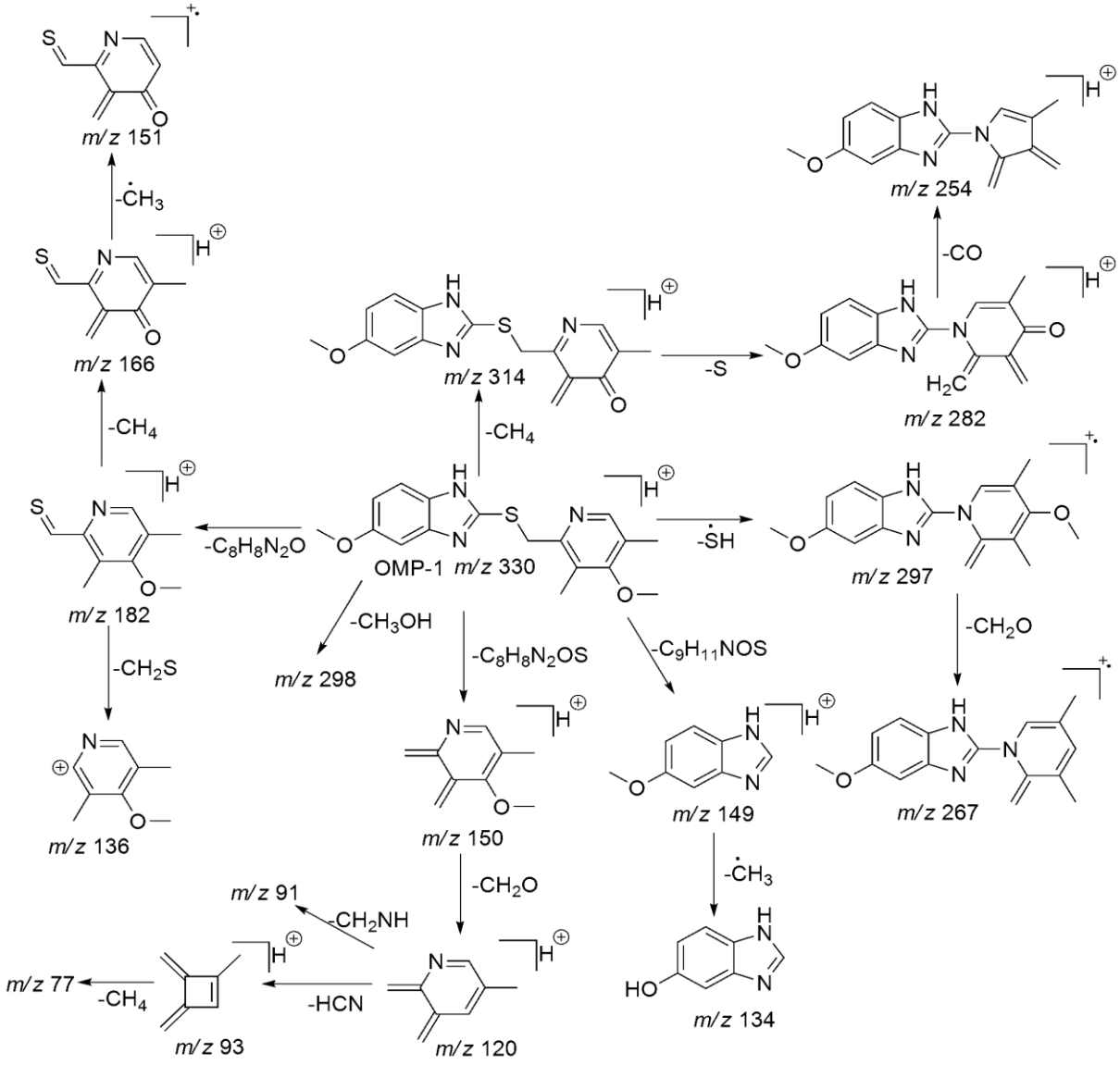
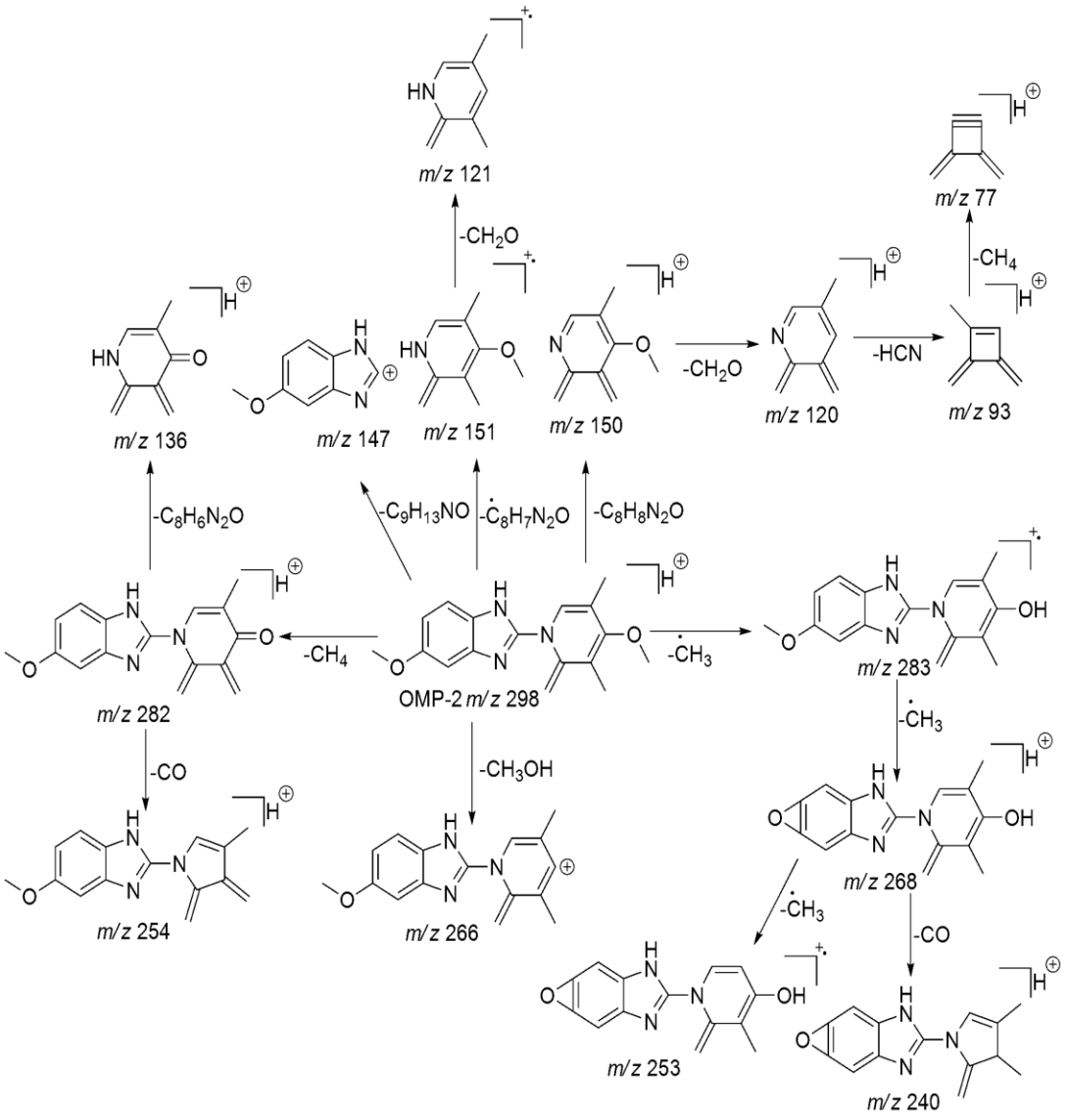
Electronic Supplementary Material (ESI) for New Journal of Chemistry.



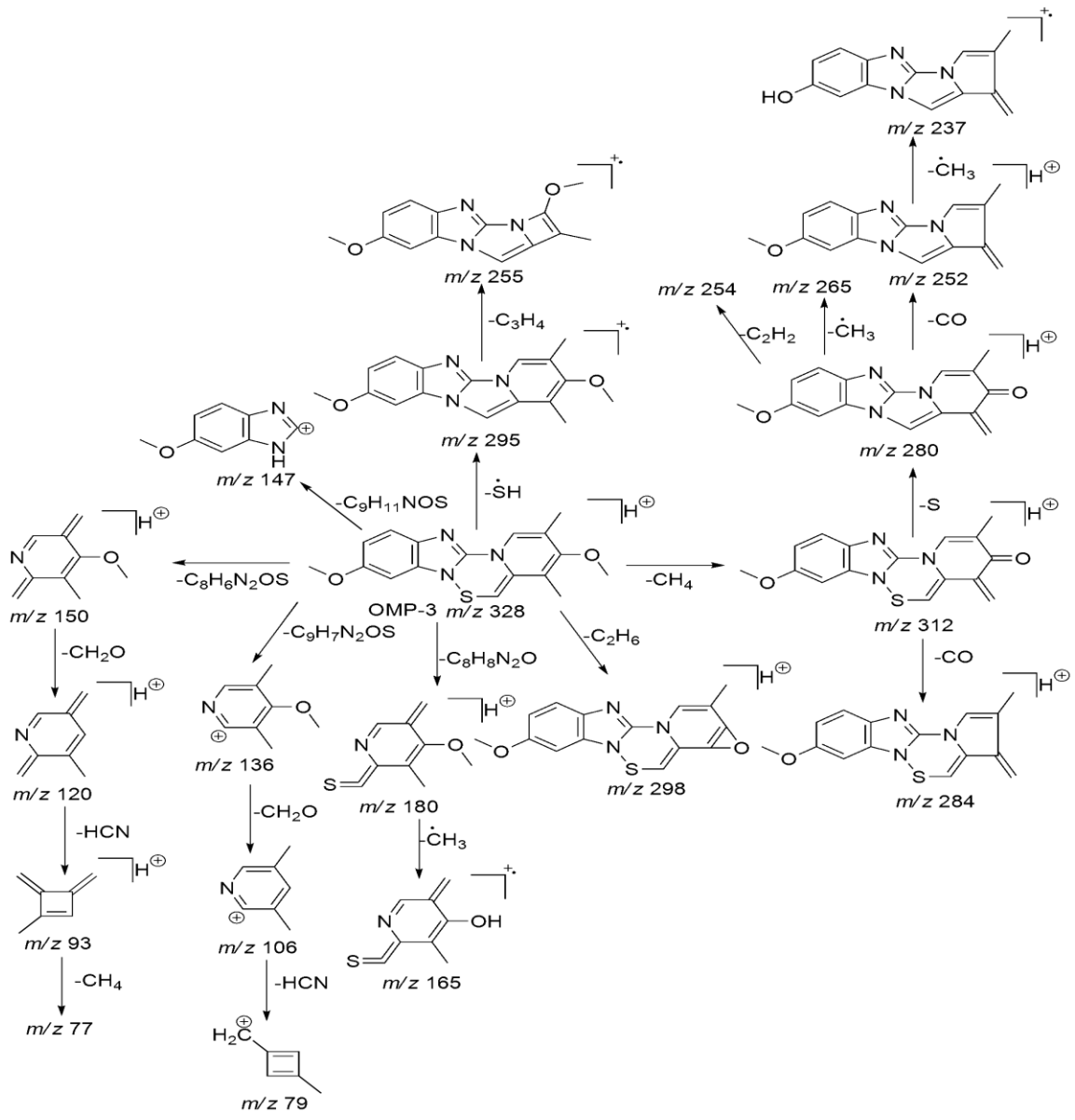
Scheme S1: Proposed fragmentation pathway of the protonated OMP (*m/z* 346)



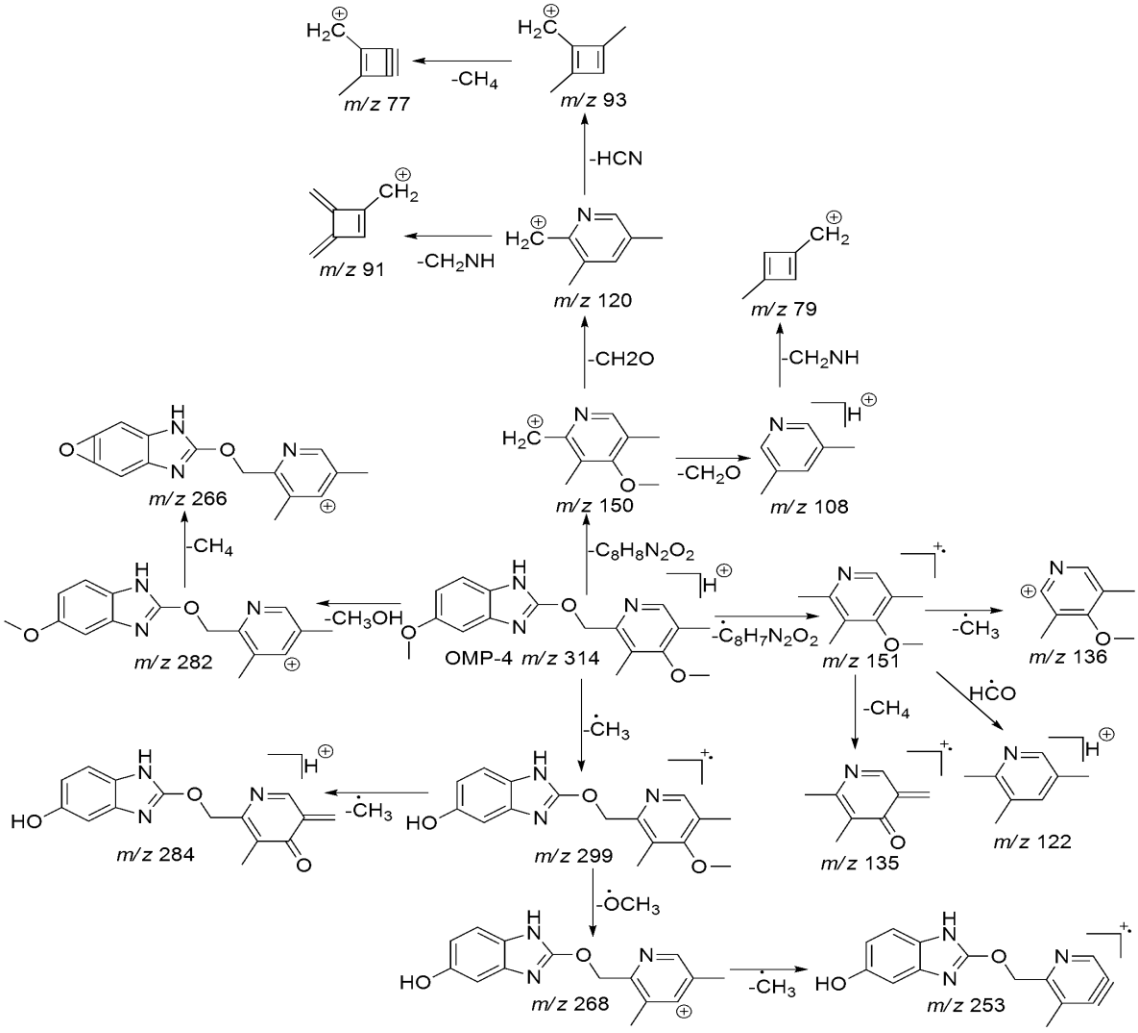
Scheme S2: Proposed fragmentation pathway of the protonated OMP-1(*m/z* 330)



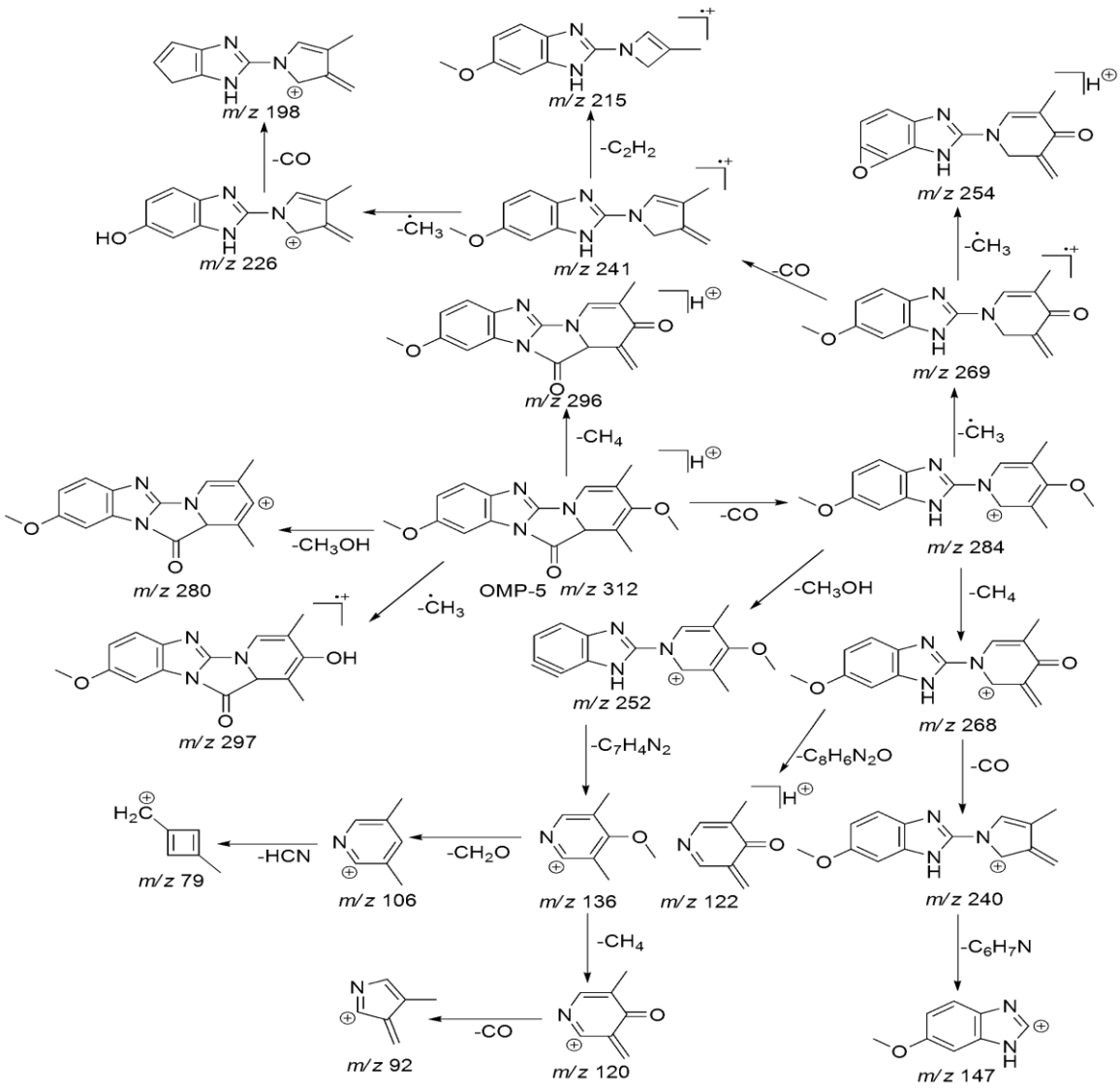
Scheme S3: Proposed fragmentation pathway of the protonated OMP-2(*m/z* 298)



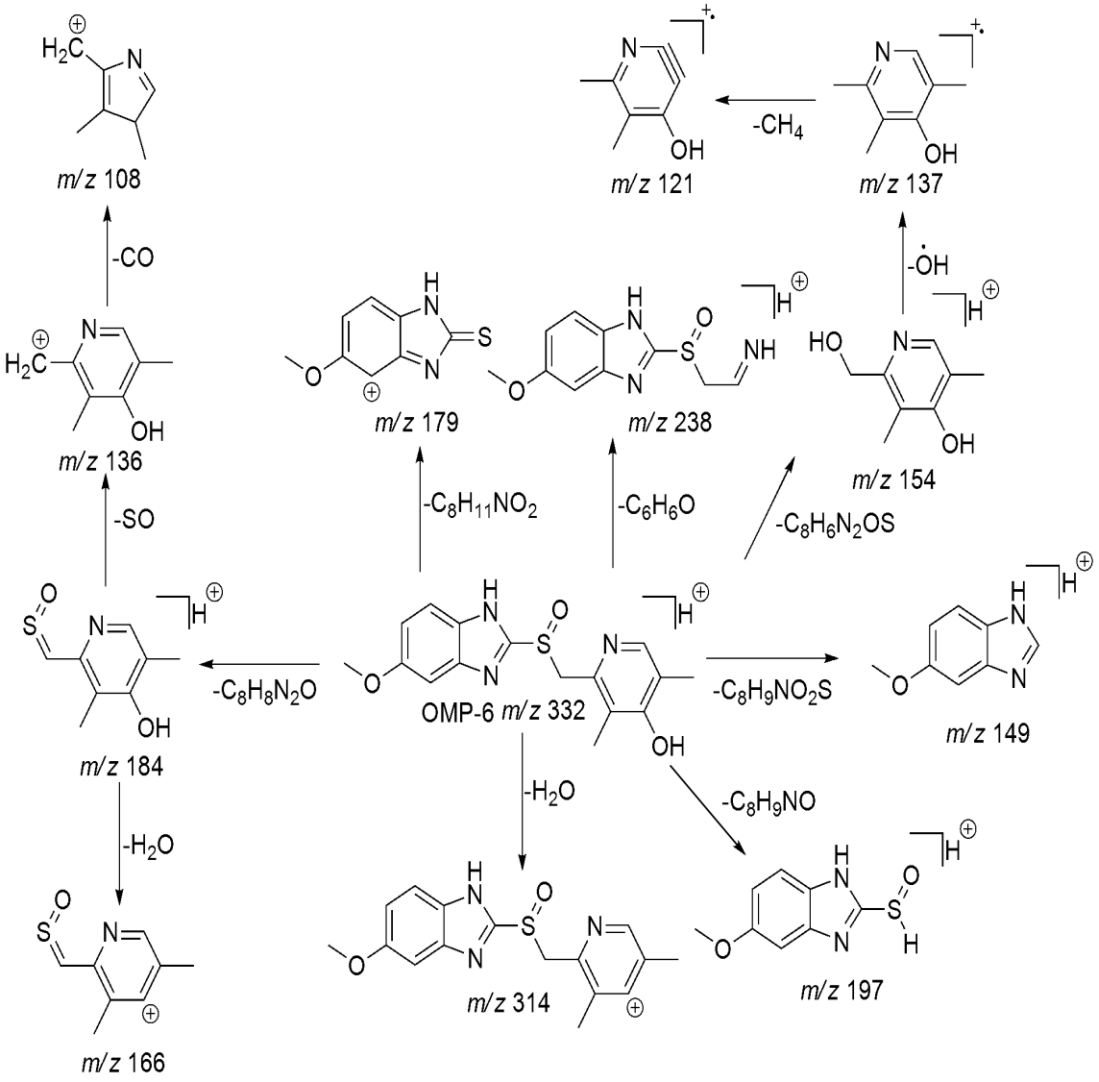
Scheme S4: Proposed fragmentation pathway of the protonated OMP-3(*m/z* 328)



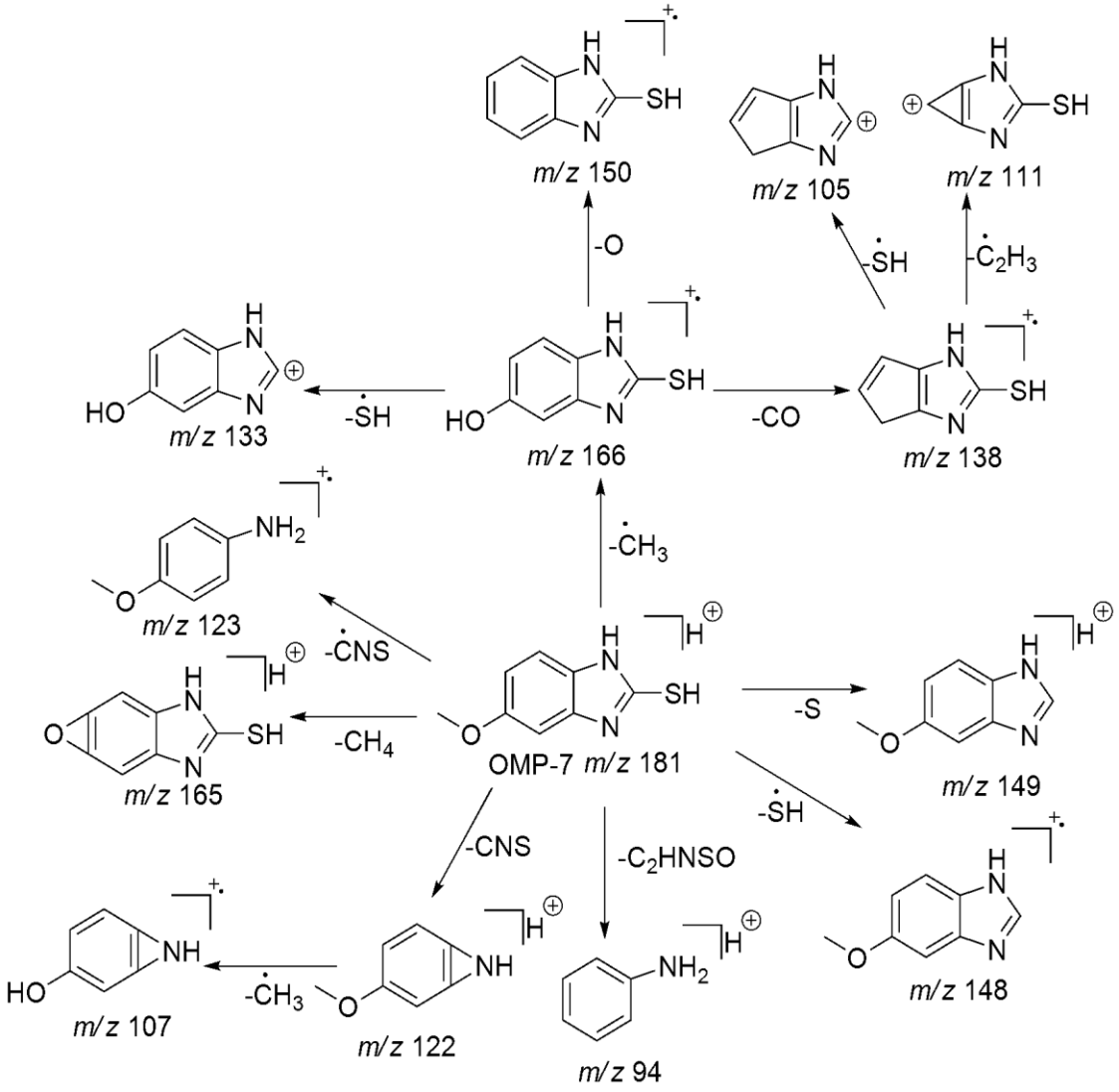
Scheme S5: Proposed fragmentation pathway of the protonated OMP-4(*m/z* 314)



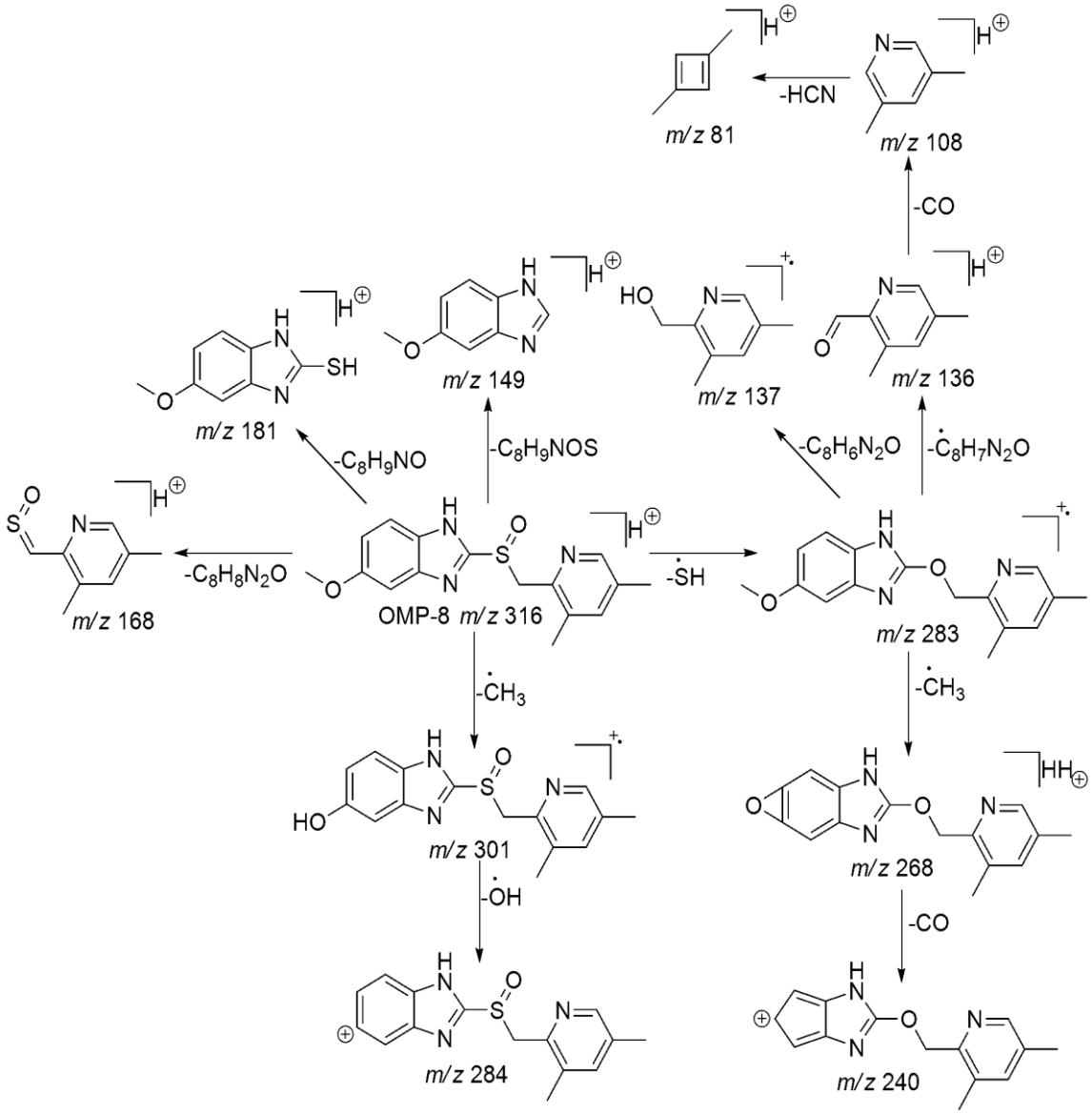
Scheme S6: Proposed fragmentation pathway of the protonated OMP-5(*m/z* 312)



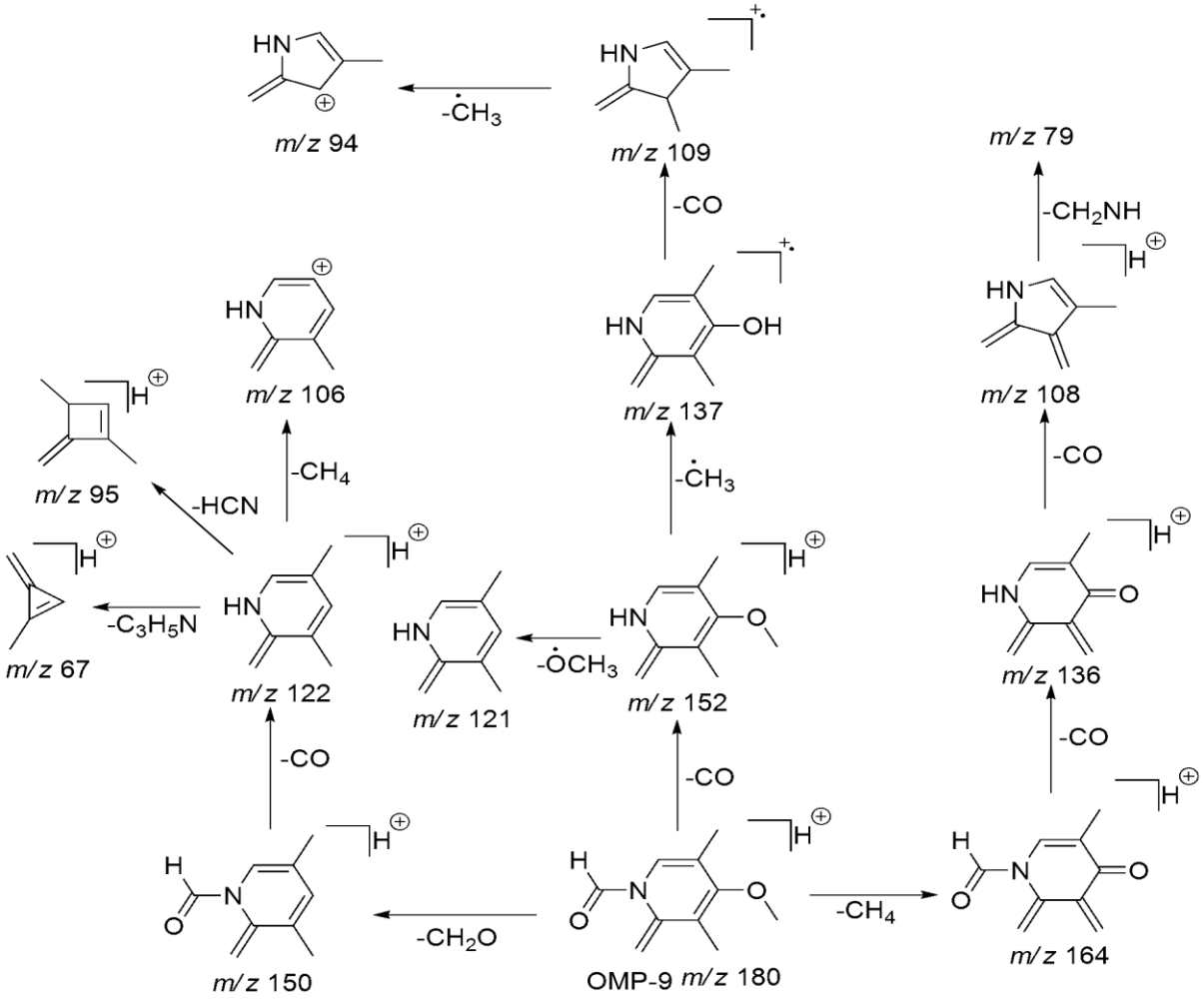
Scheme S7: Proposed fragmentation pathway of the protonated OMP-6(*m/z* 332)



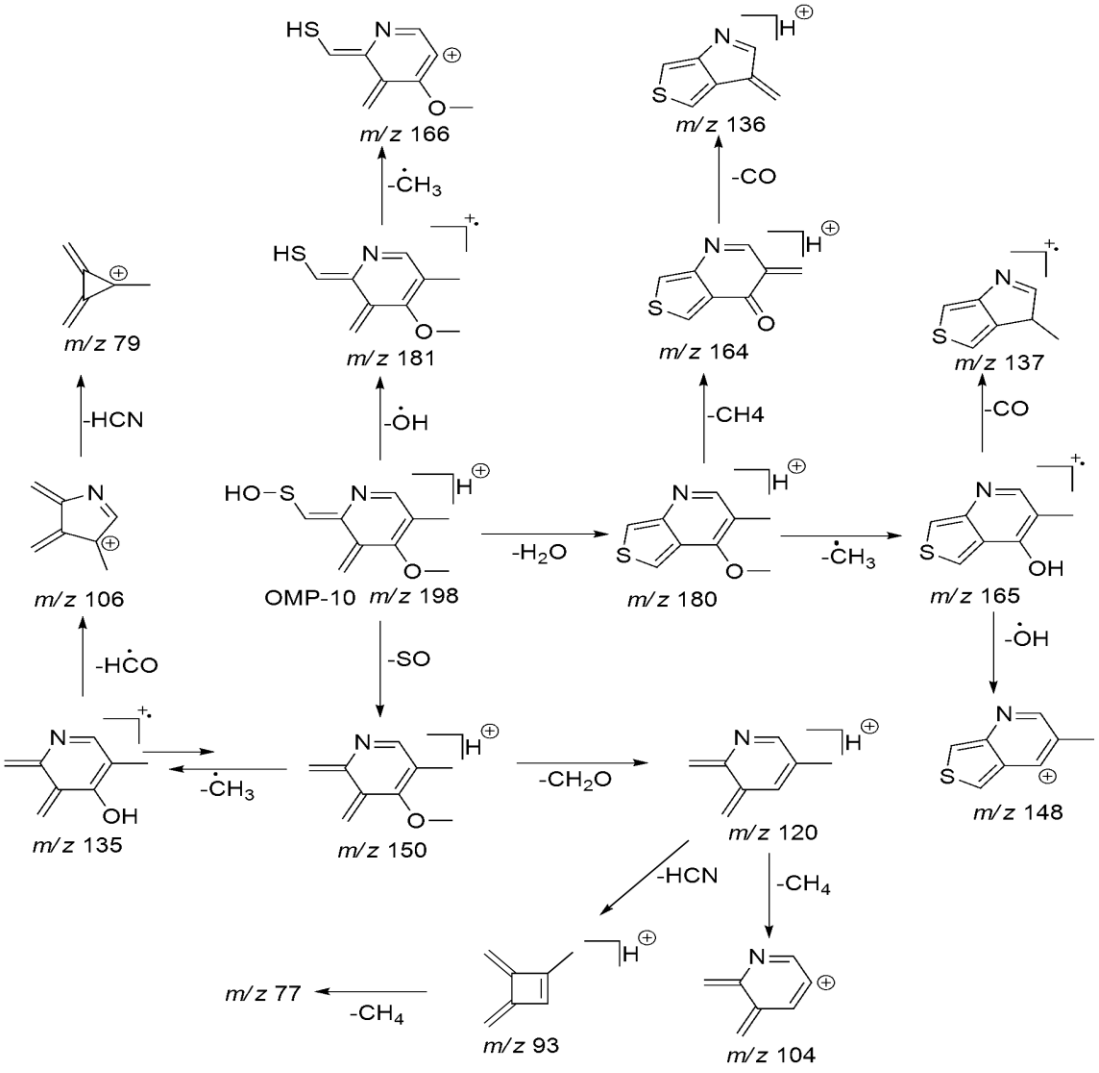
Scheme S8: Proposed fragmentation pathway of the protonated OMP-7(*m/z* 181)



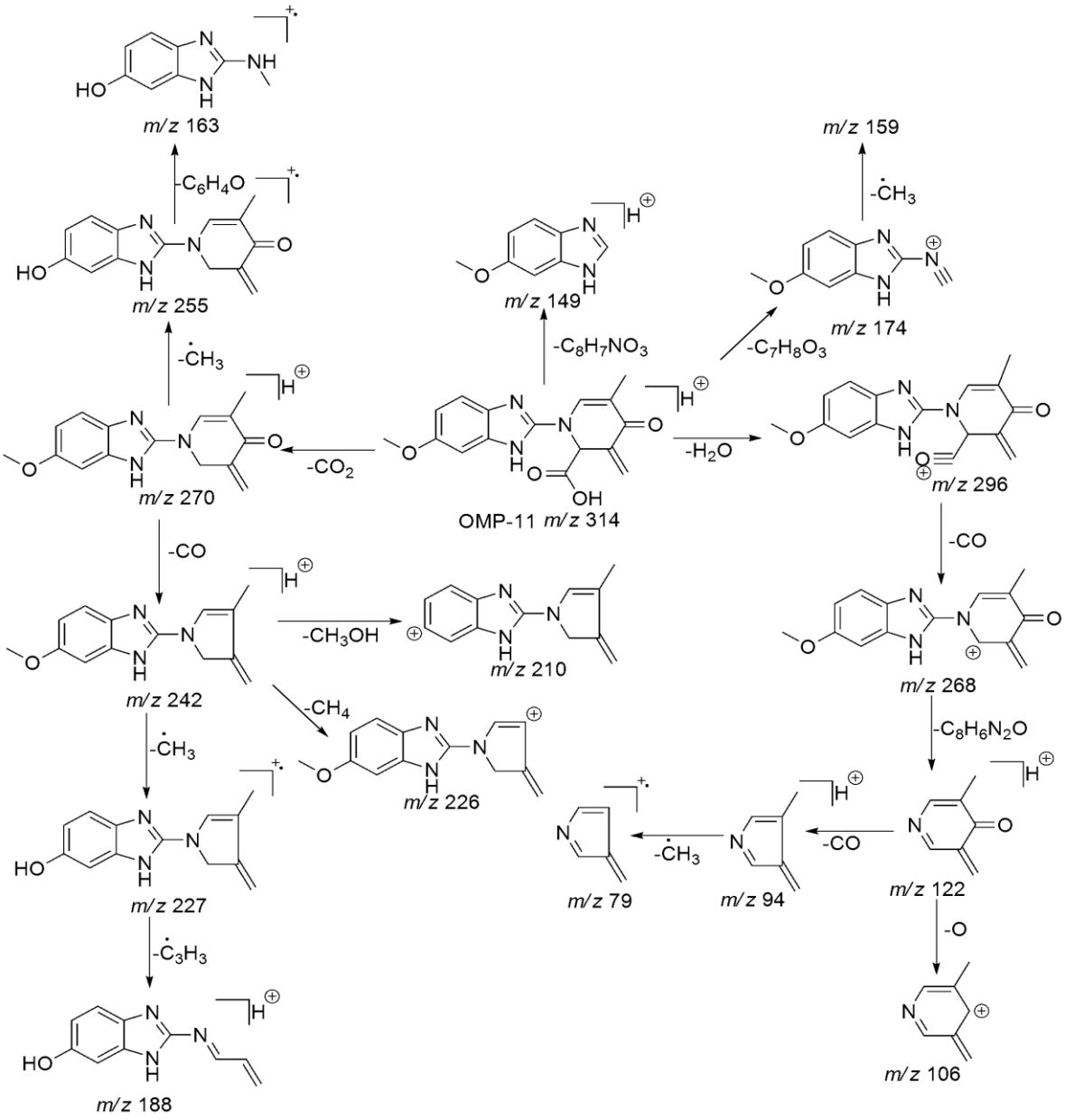
Scheme S9: Proposed fragmentation pathway of the protonated OMP-8(*m/z* 316)



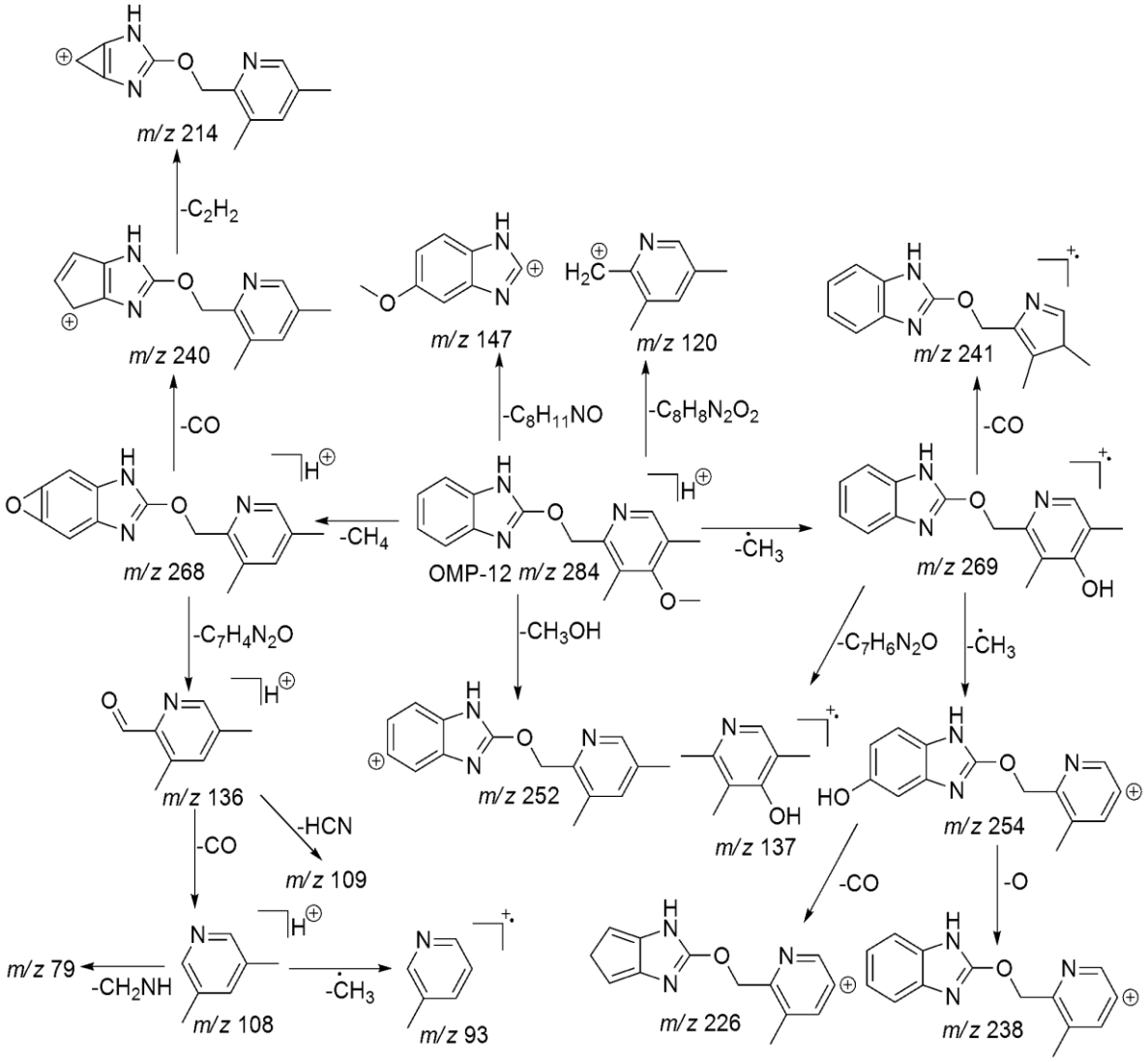
Scheme S10: Proposed fragmentation pathway of the protonated OMP-9(*m/z* 180)



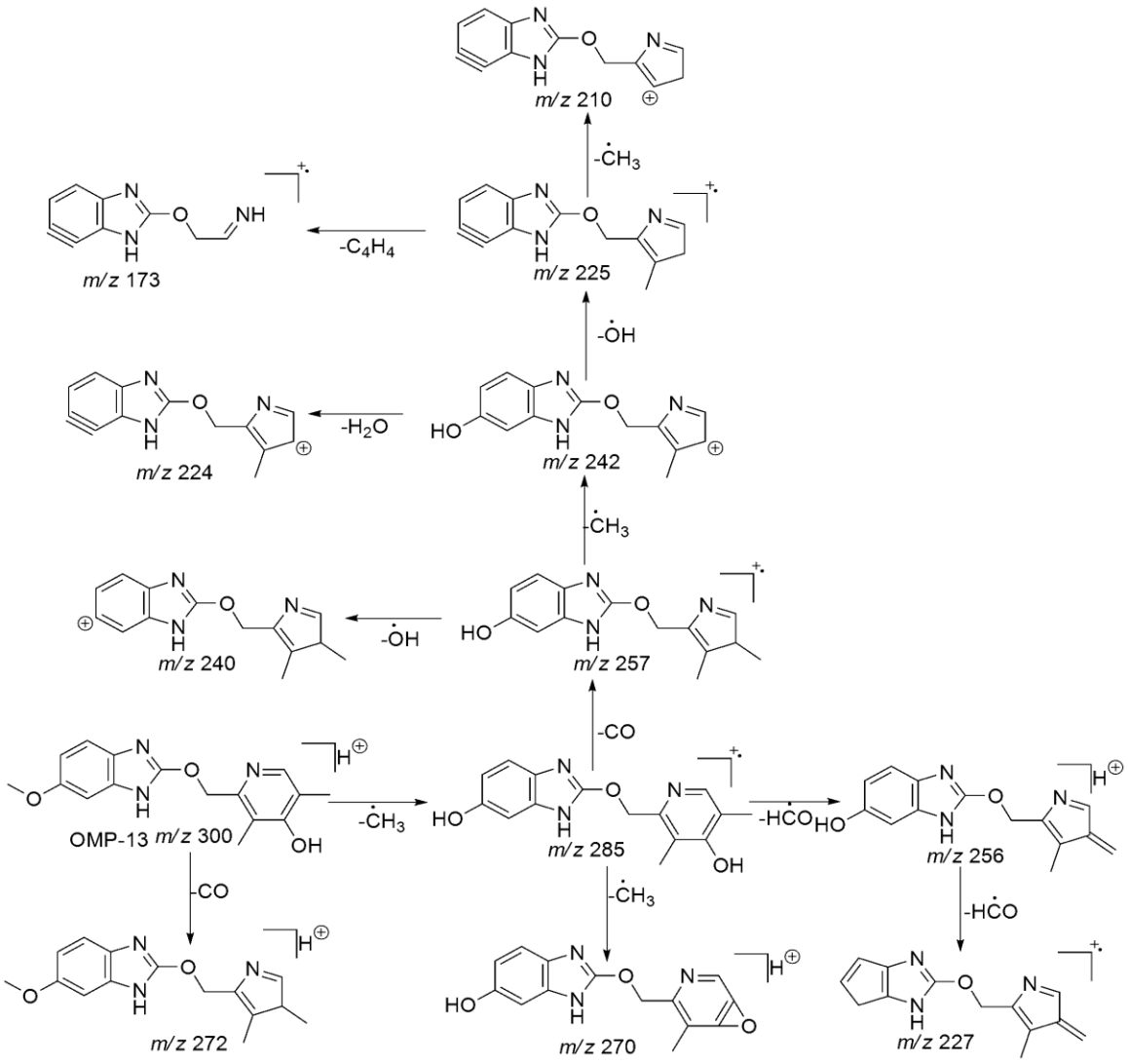
Scheme S11: Proposed fragmentation pathway of the protonated OMP-10(*m/z* 198)



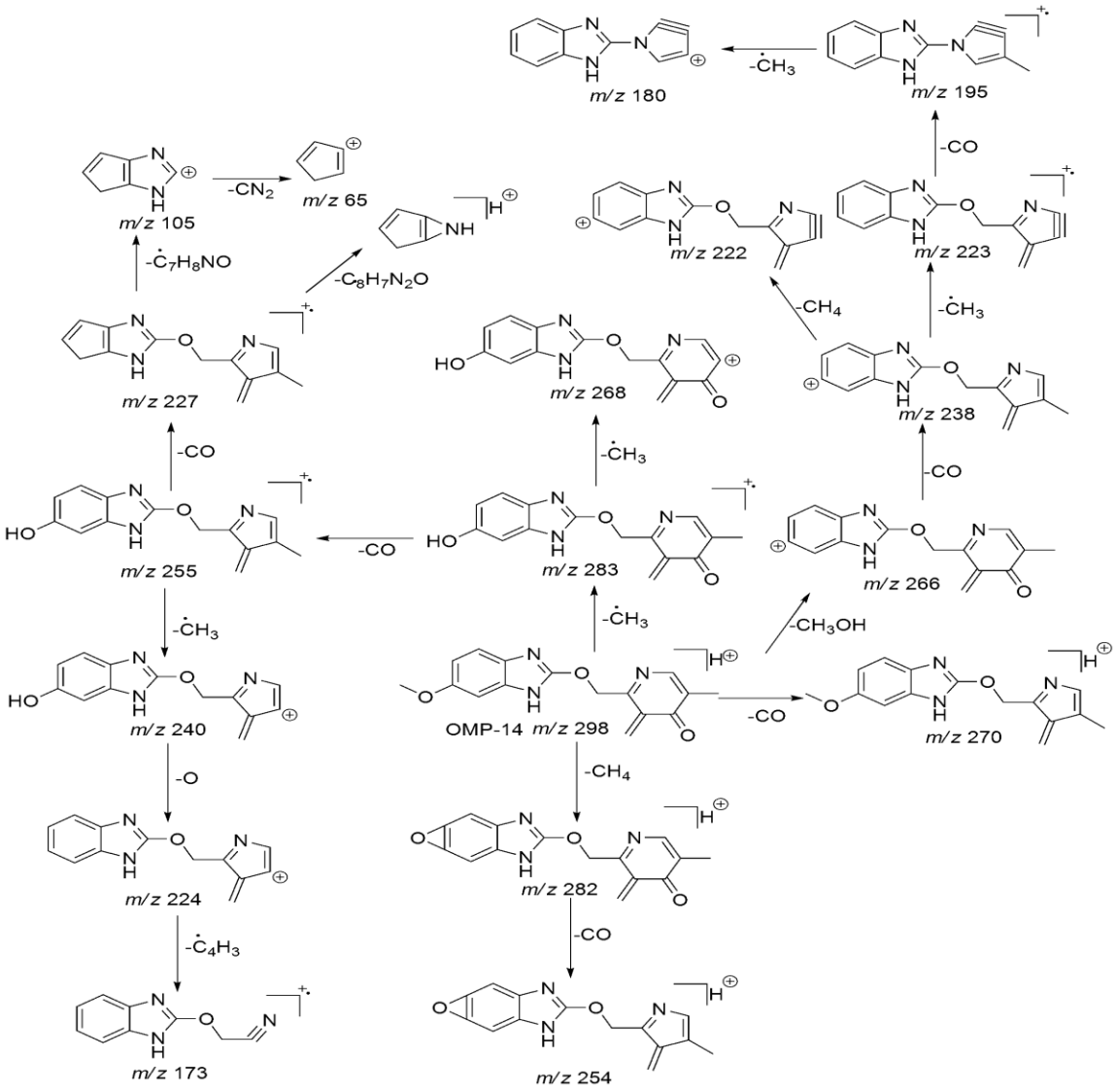
Scheme S12: Proposed fragmentation pathway of the protonated OMP-11(*m/z* 314)



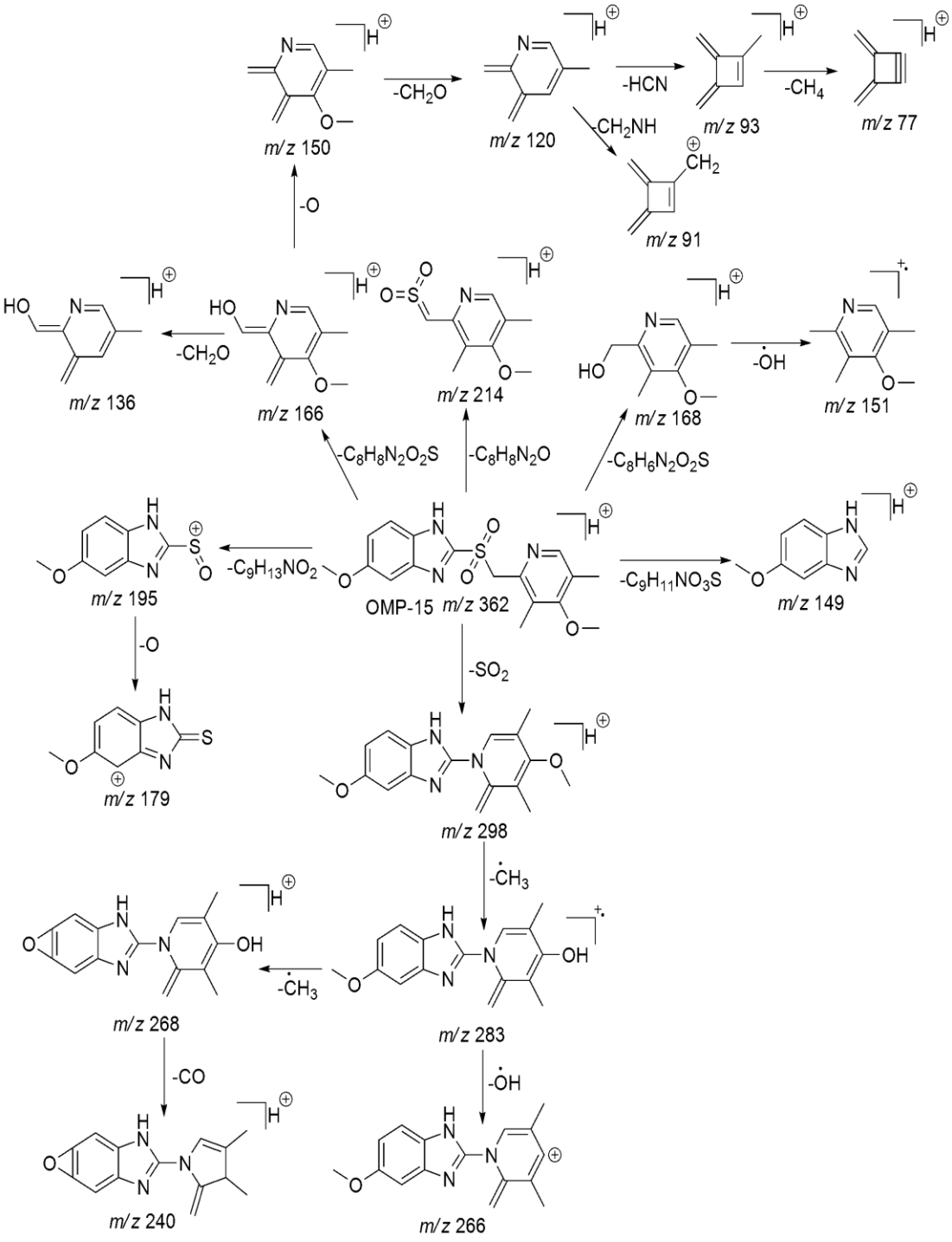
Scheme S13: Proposed fragmentation pathway of the protonated OMP-12(*m/z* 284)



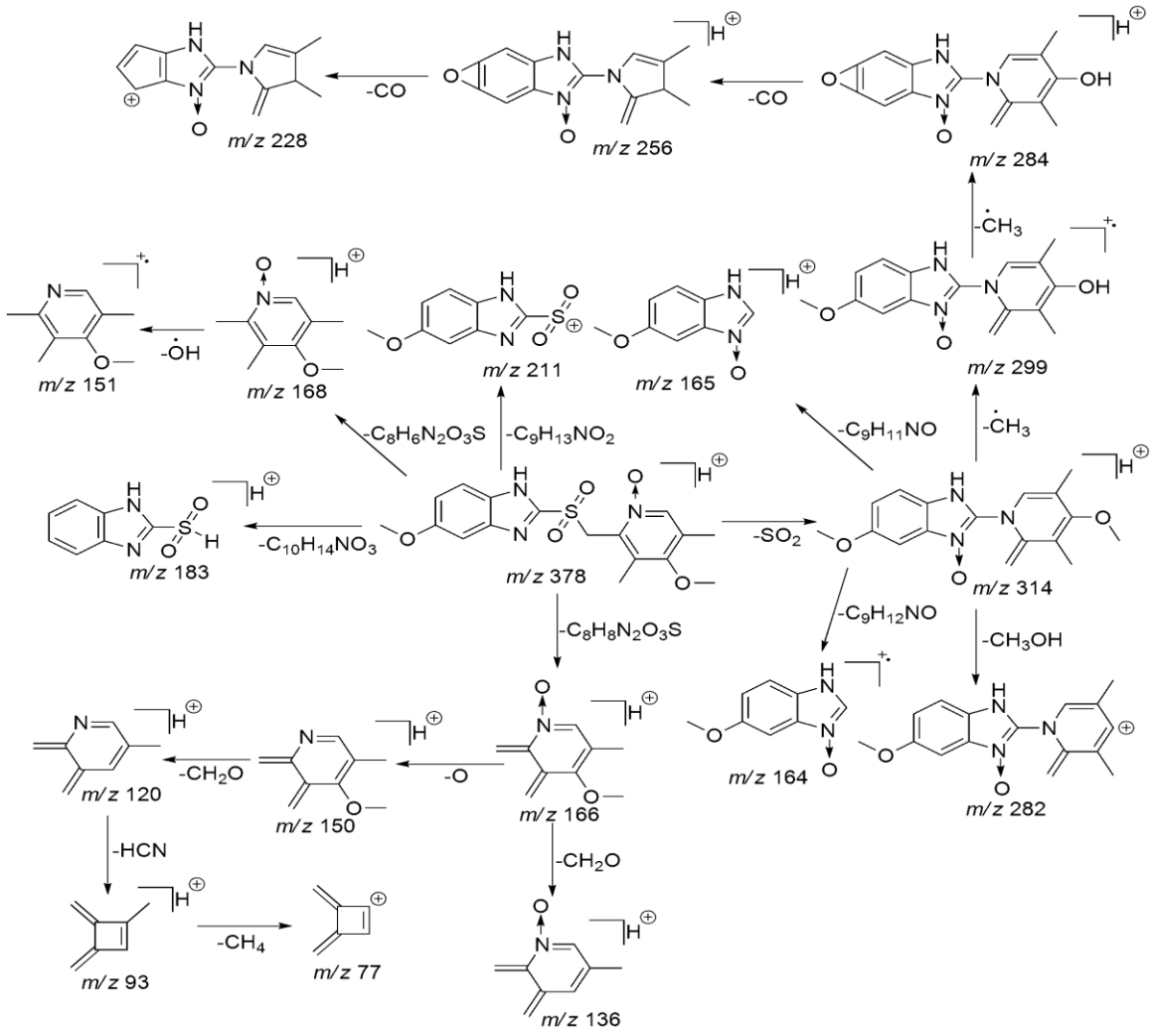
Scheme S14: Proposed fragmentation pathway of the protonated OMP-13(*m/z* 300)



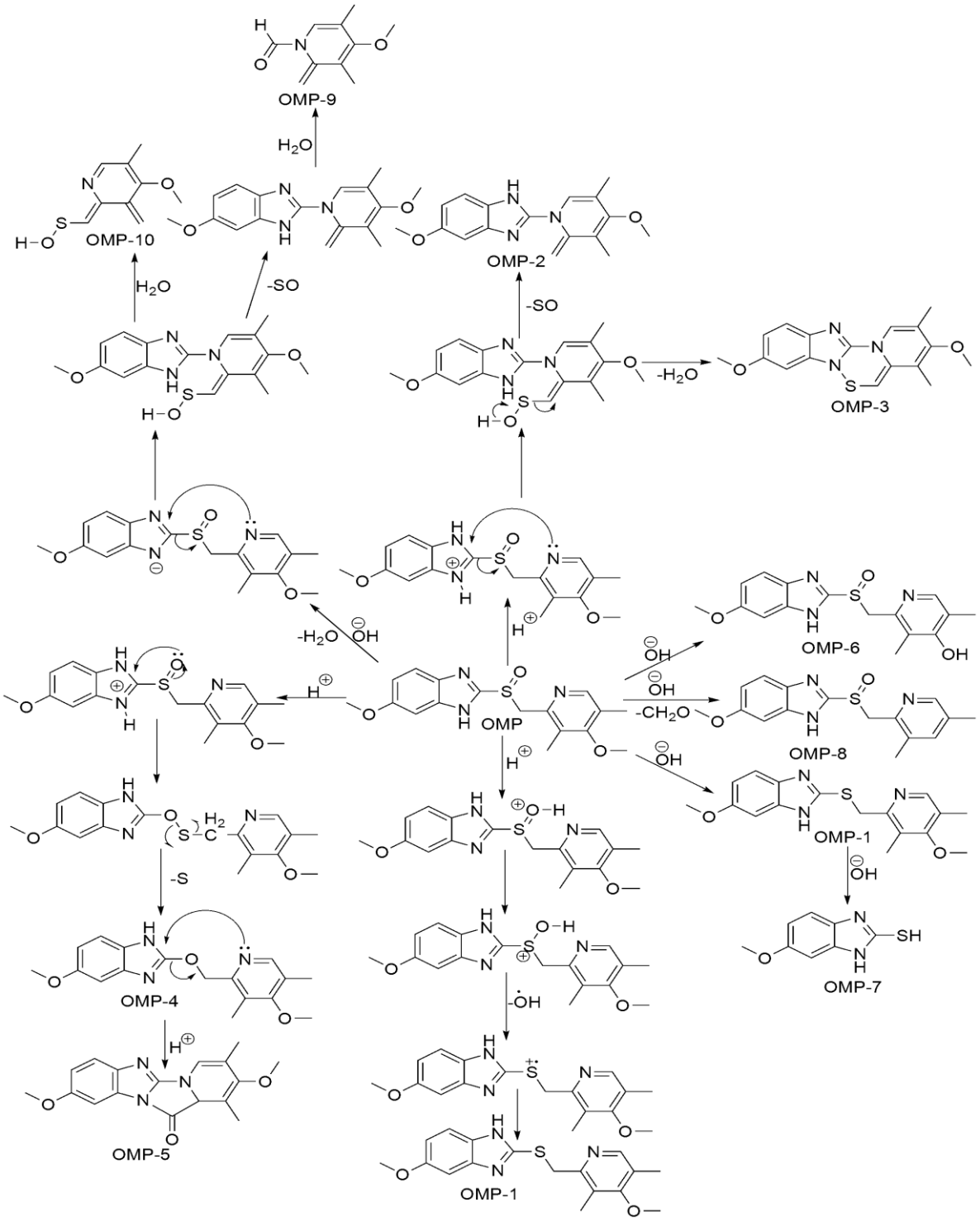
Scheme S15: Proposed fragmentation pathway of the protonated OMP-14(*m/z* 298)



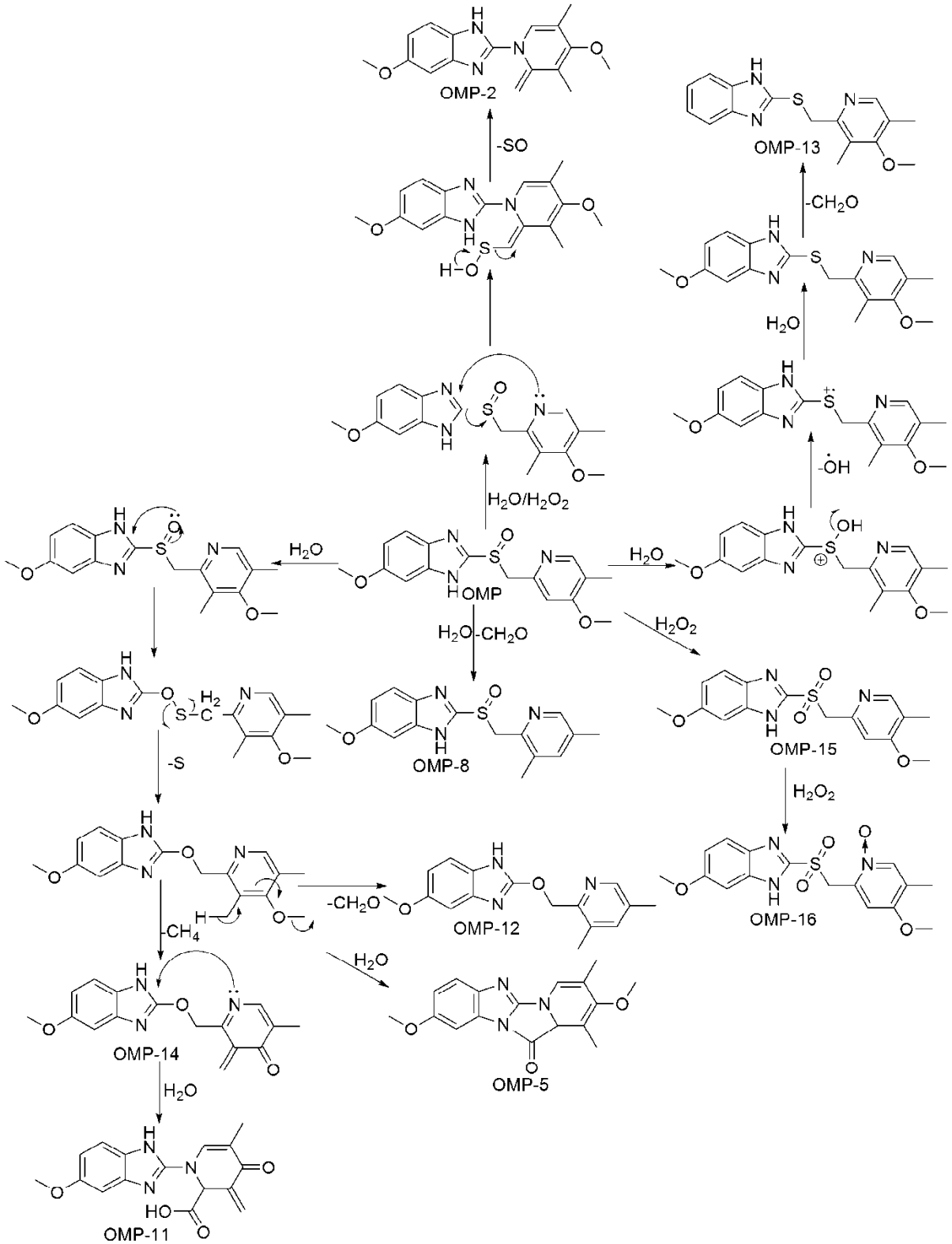
Scheme S16: Proposed fragmentation pathway of the protonated OMP-15(*m/z* 362)



Scheme S17: Proposed fragmentation pathway of the protonated OMP-16(*m/z* 378)



Scheme S18: Proposed mechanism of the OMP degradation products in acidic and basic hydrolysis condition



Scheme S19: Proposed mechanism of the OMP degradation products in neutral hydrolysis and oxidation condition

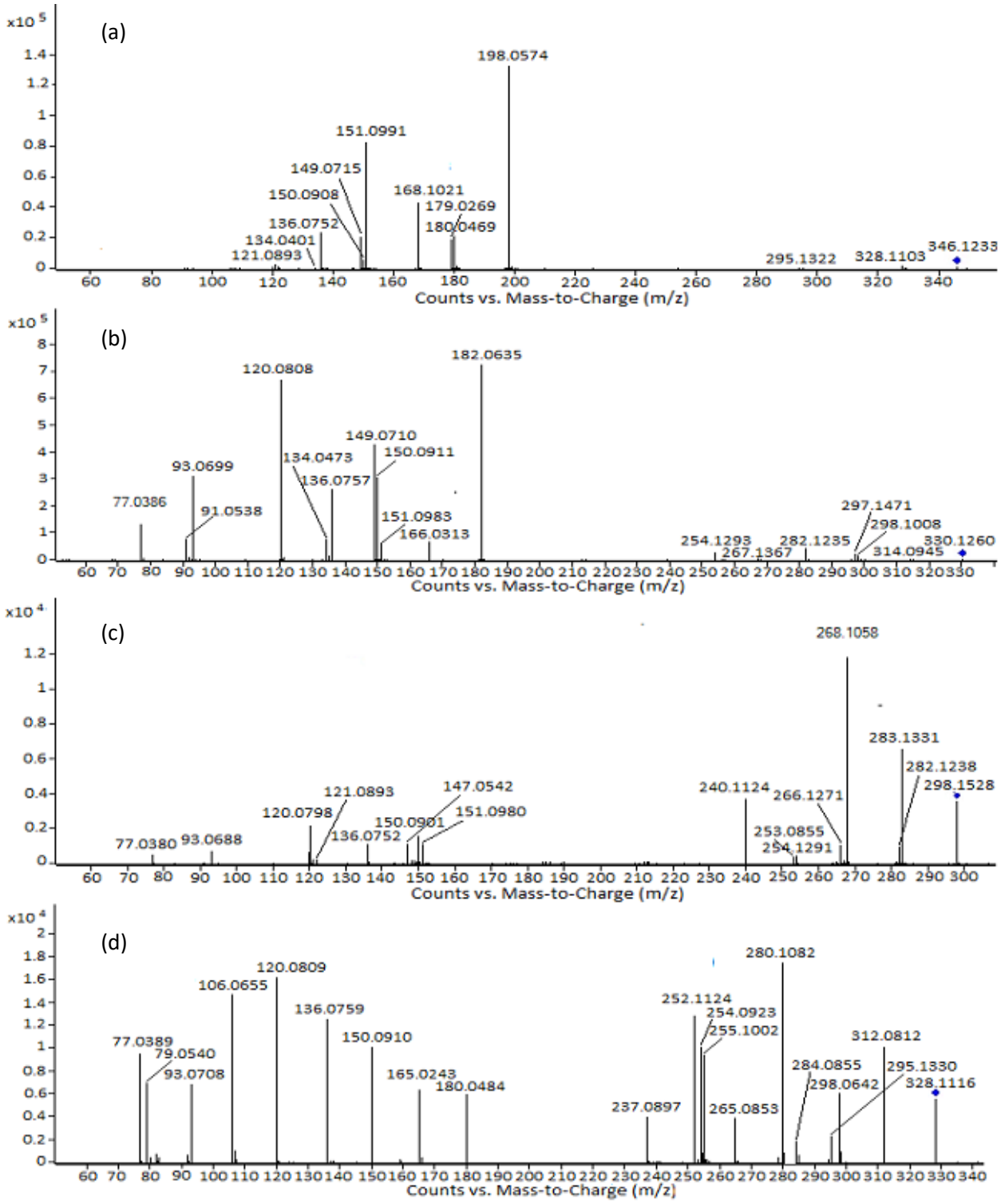


Figure.S1. UPLC/ESI/MS/MS Spectra of $[M+H]^+$ ions of OMP(a), OMP-1(b), OMP-2(c) and OMP-3(d) at 30 eV.

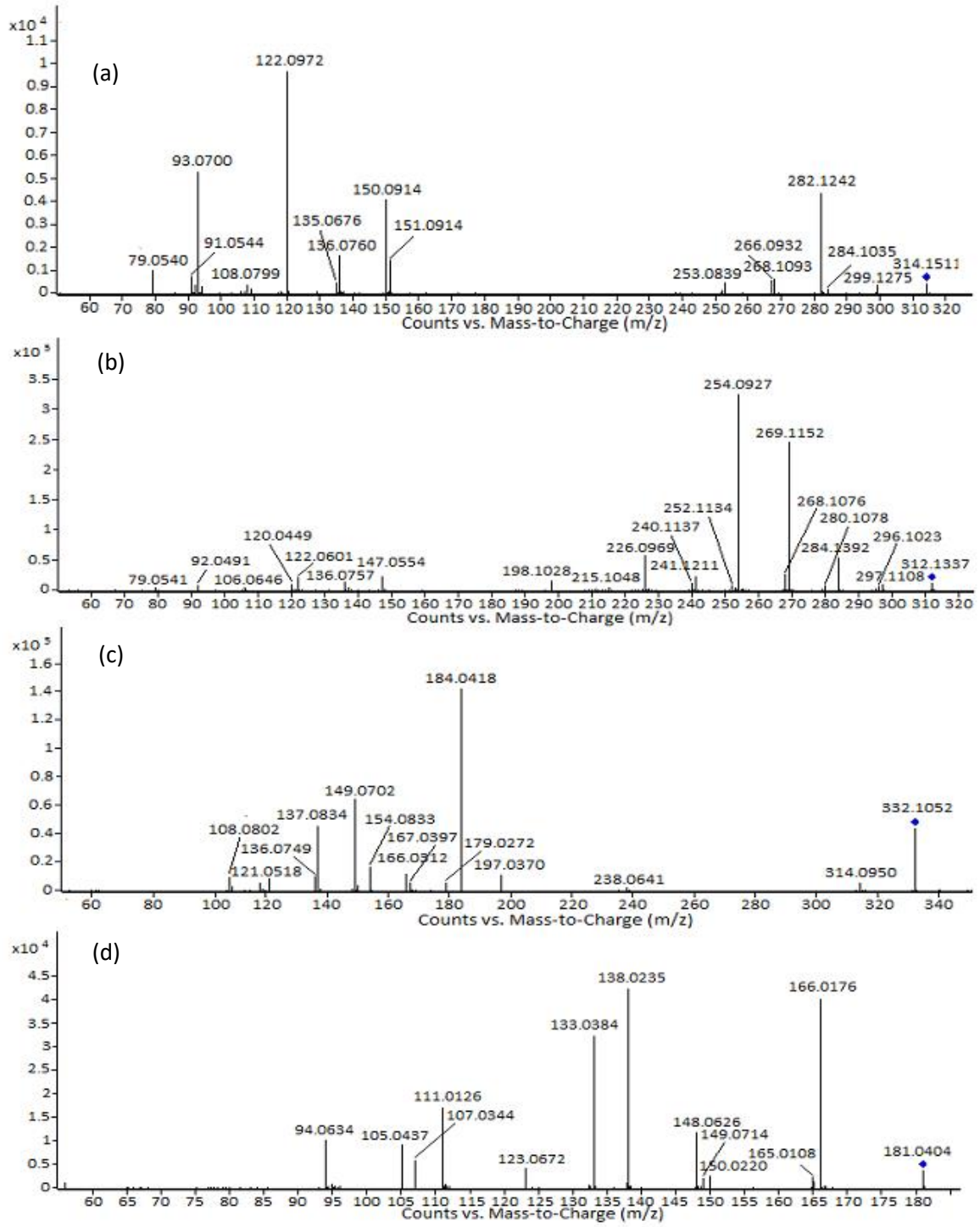


Figure.S2 UPLC/ESI/MS/MS Spectra of $[M+H]^+$ ions of OMP-4(a), OMP-5(b), OMP-6(c) and OMP-7(d) at 30 eV.

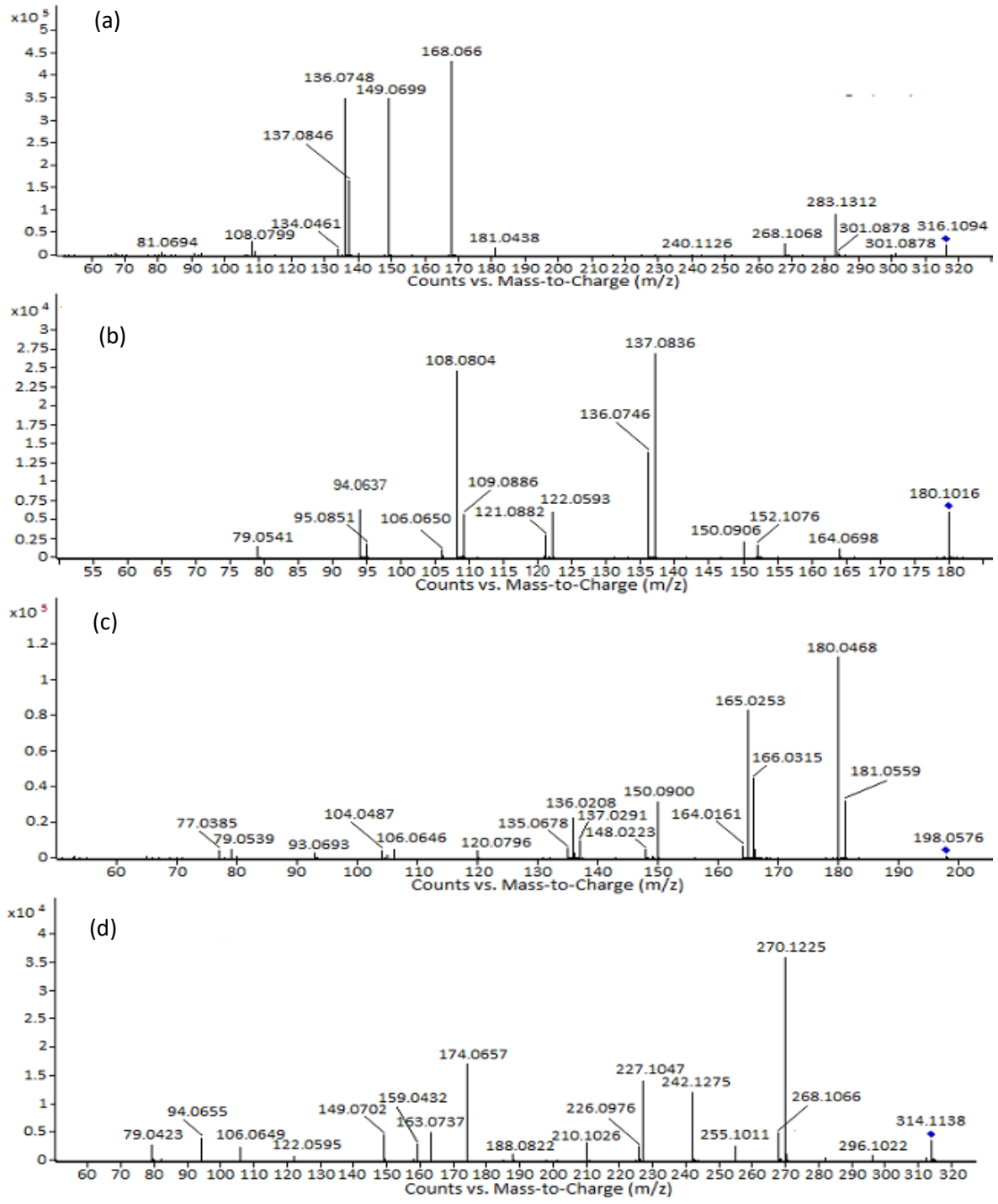


Figure.S3. UPLC/ESI/MS/MS Spectra of $[M+H]^+$ ions of OMP-8(a), OMP-9(b), OMP-10(c) and OMP-11(d) at 30 eV.

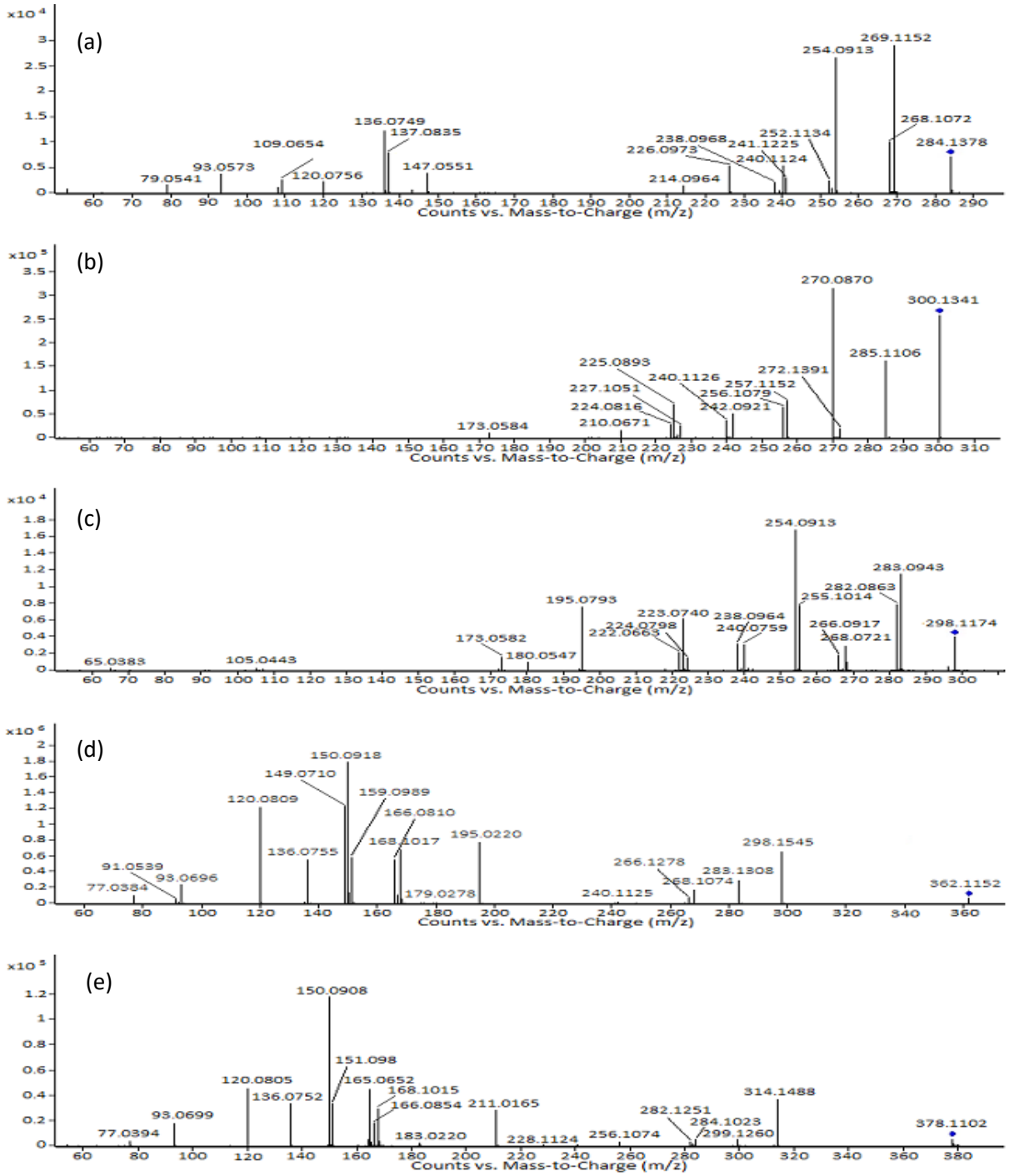


Figure.S4. UPLC/ESI/MS/MS Spectra of $[M+H]^+$ ions of OMP-12(a), OMP-13(b), OMP-14(c), OMP-15(d) and OMP-16(e) at 30 eV

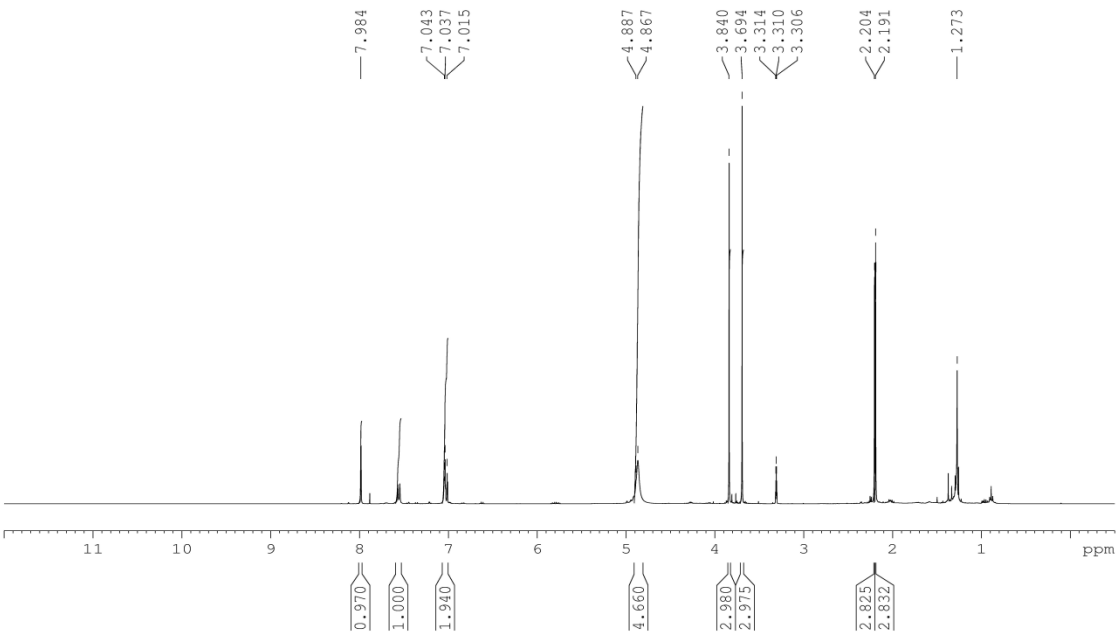


Figure.S5. ^{1}H NMR spectrum of OMP-15

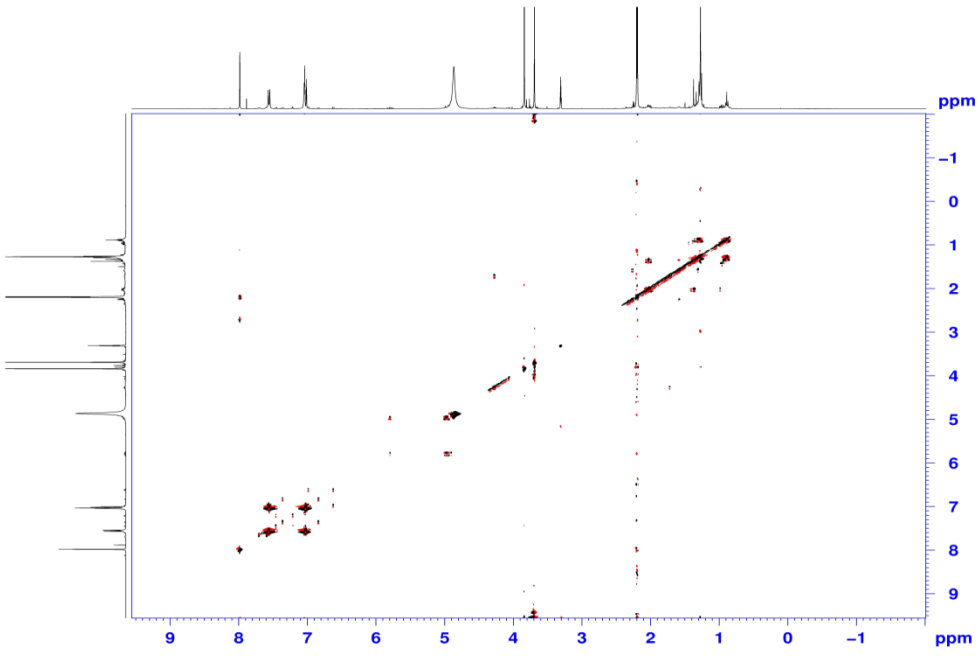


Figure.S6. COSY spectrum of OMP-15

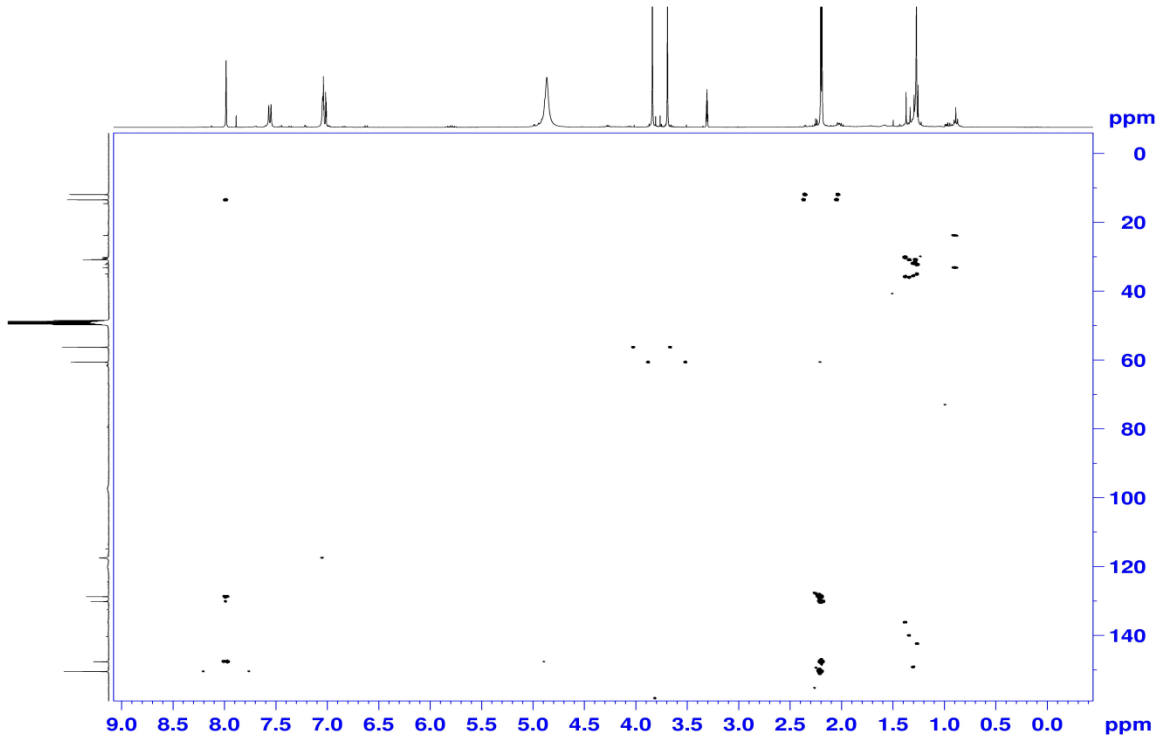


Figure. S7. HSQC spectrum of OMP-15

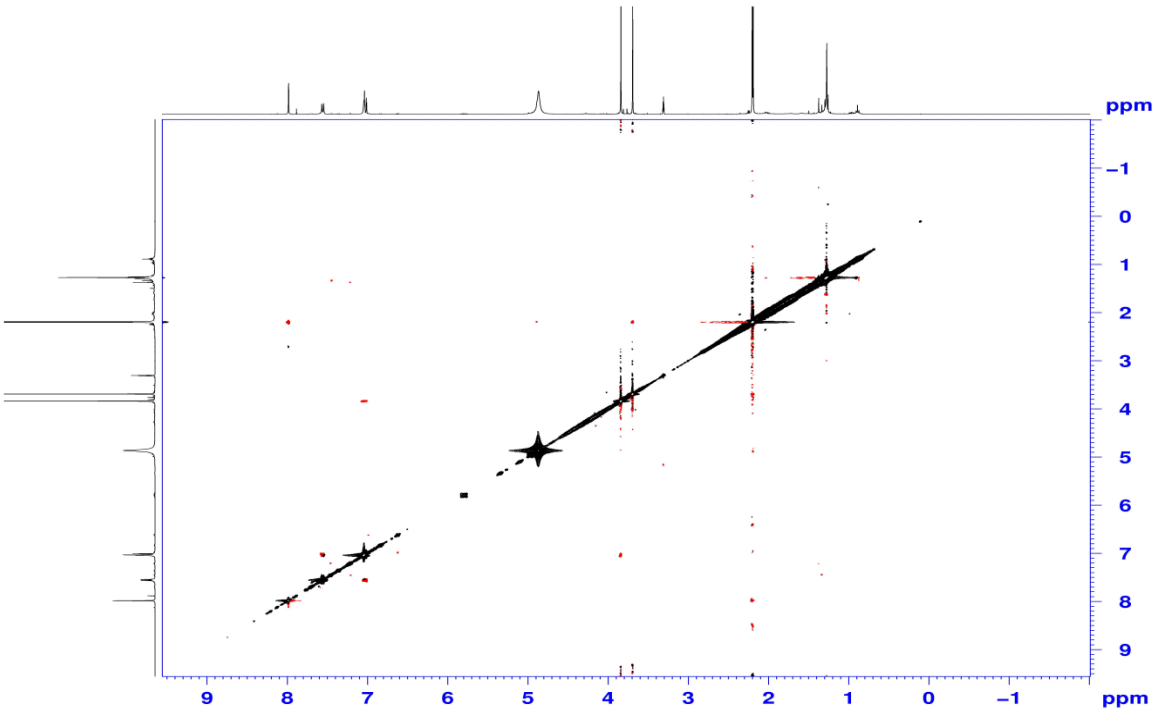


Figure. S8.NOESY spectrum of OMP-15

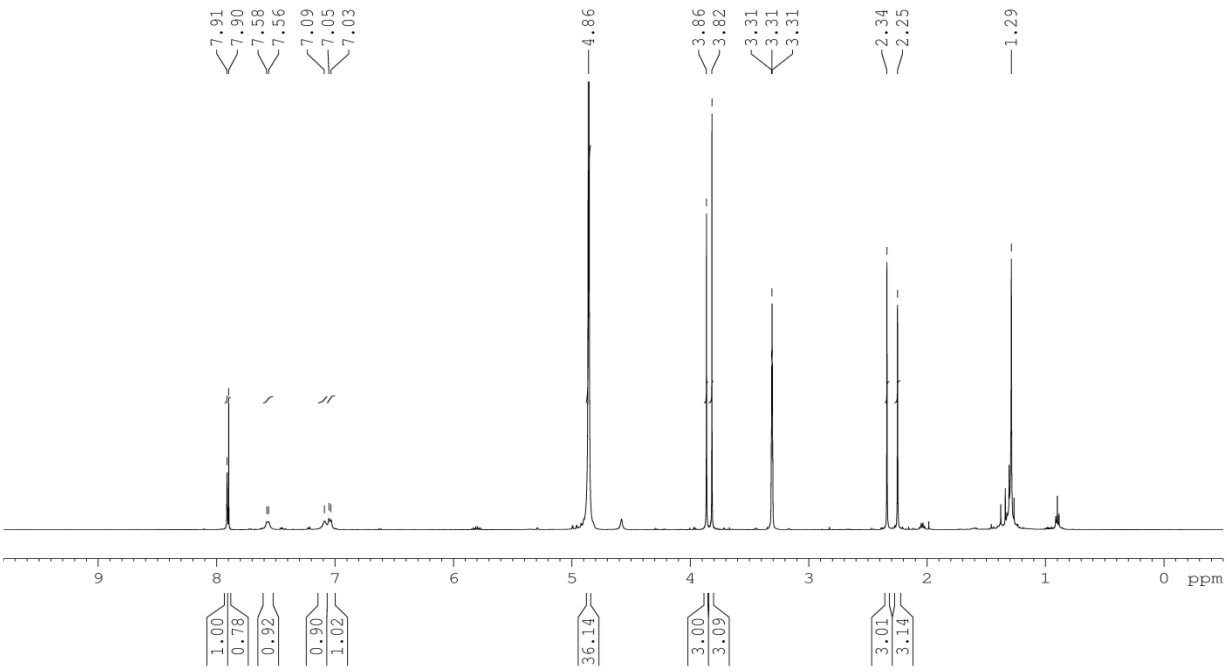


Figure.S9. ^{1}H NMR spectrum of OMP-16

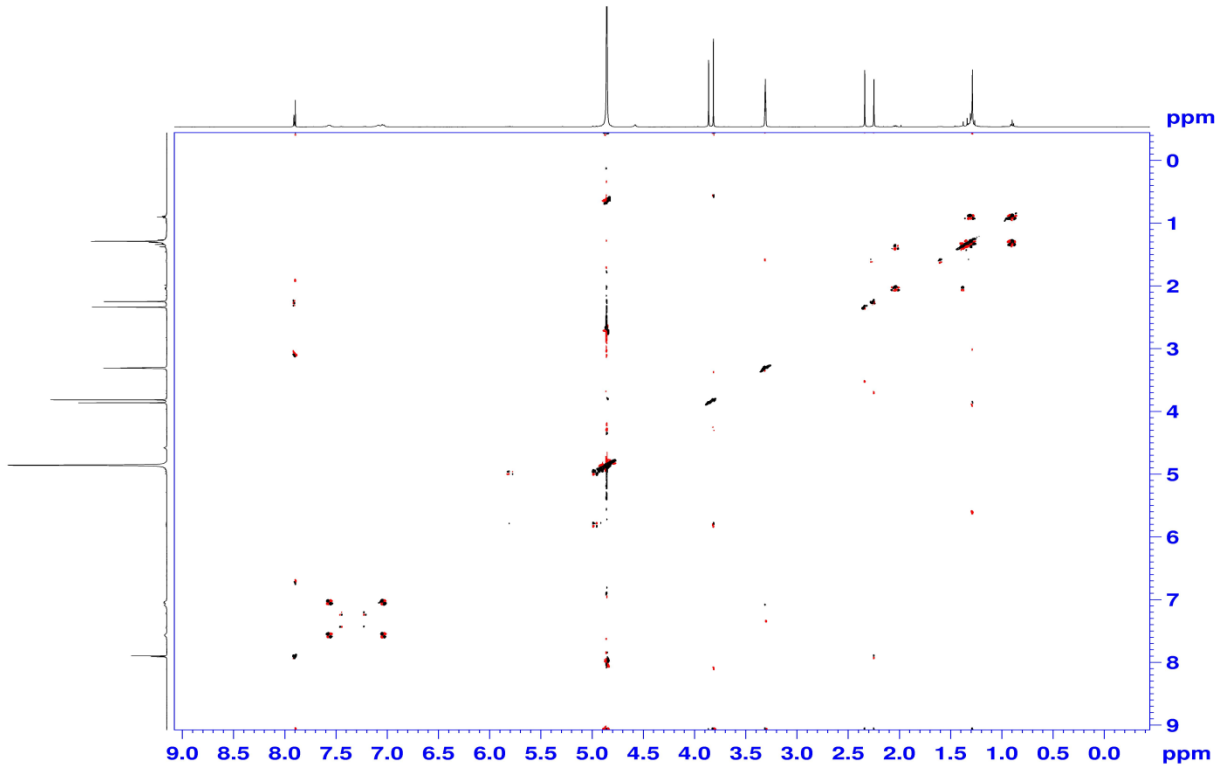


Figure.S10. COSY spectrum of OMP-16

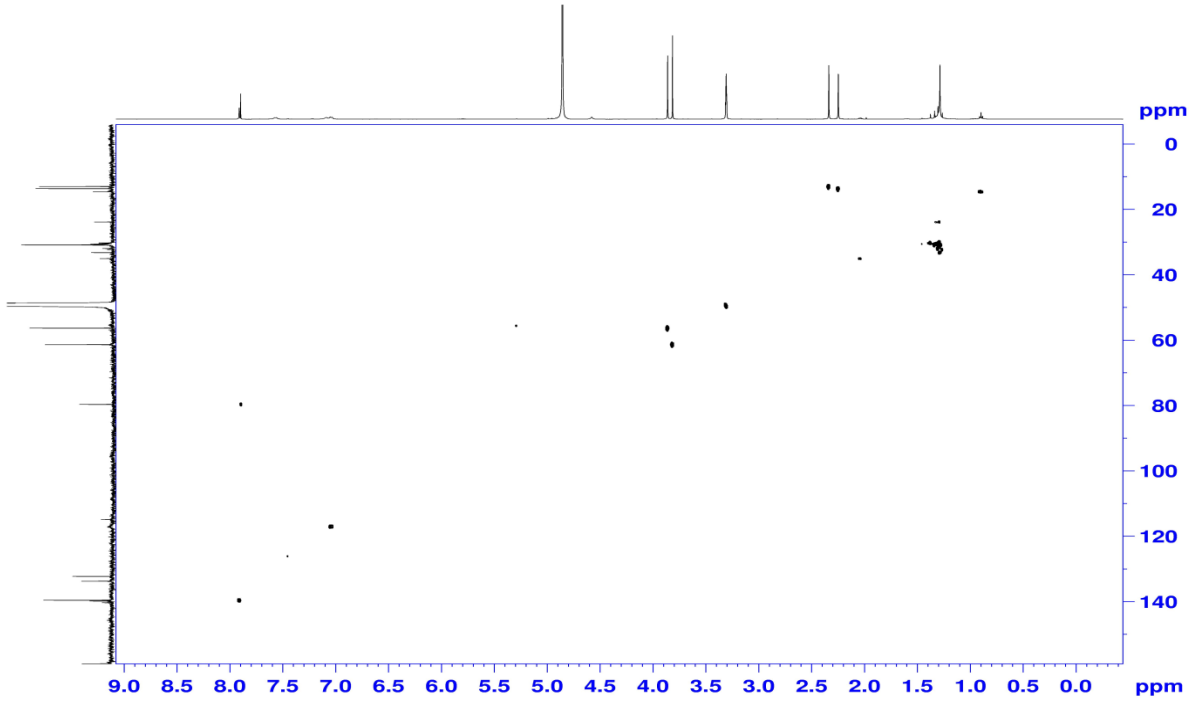


Figure. S11.HSQC spectrum of OMP-16

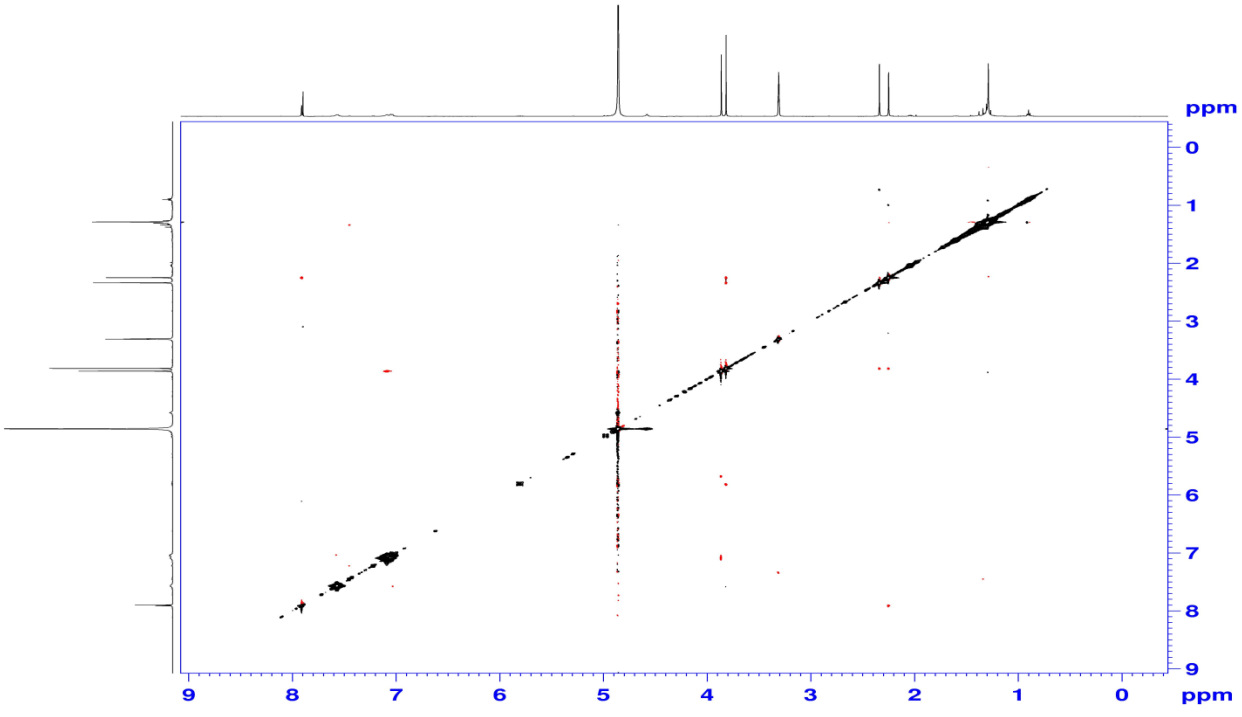


Figure.S12. NOESY spectrum of OMP-16

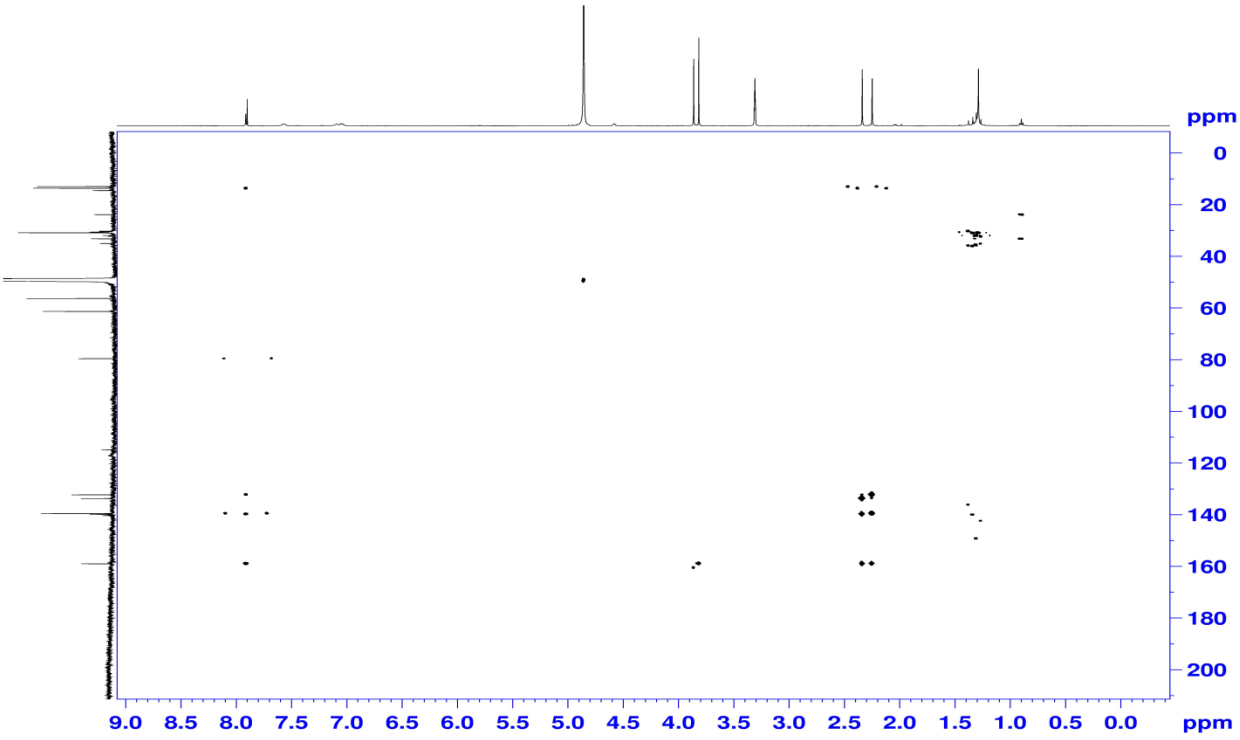


Figure.S13. HMBS spectrum of OMP-16

Table S1: Elemental composition for fragment ions of the OMP

Drug	Proposed molecular formula $[M+H]^+$	Observed (*m/z*)	Calculated (*m/z*)	Error (ppm)
OMP	$C_{17}H_{20}N_3O_3S^+$	346.1233	346.1219	-4.04
	$C_{17}H_{18}N_3O_2S^+$	328.1103	328.1114	3.35
	$C_{17}H_{17}N_3O_{42}^{+\cdot}$	295.1322	295.1320	-0.67
	$C_9H_{12}NO_2S^+$	198.0574	198.0583	4.54
	$C_9H_{10}NOS^+$	180.0469	180.0477	4.44
	$C_8H_7N_2OS^+$	179.0269	179.0273	2.23
	$C_9H_{14}NO_2^+$	168.1021	168.1019	-1.18
	$C_9H_{13}NO^{+\cdot}$	151.0991	151.0997	3.97
	$C_9H_{12}NO^+$	150.0908	150.0913	3.33
	$C_8H_9N_2O^+$	149.0715	149.0709	-4.02
	$C_8H_{10}NO^+$	136.0752	136.0756	2.93
	$C_7H_6N_2O^{+\cdot}$	134.0478	134.0480	1.49
	$C_7H_5N_2O^+$	133.0401	133.0396	-3.75
	$C_8H_{11}N^{+\cdot}$	121.0893	121.0891	-1.65

Table S2: Elemental composition for product ions of OMP-1 and OMP-2

Degradation Products	Proposed molecular formula $[M+H]^+$	Observed (*m/z*)	Calculated (*m/z*)	Error (ppm)
	$C_{17}H_{20}N_3O_2S^+$	330.126	330.1270	3.02
	$C_{16}H_{16}N_3O_2S^+$	314.0945	314.0957	3.82
	$C_{17}H_{19}N_3O_2^{+\cdot}$	297.1471	297.1477	-2.01
	$C_{16}H_{16}N_3O_2^+$	282.1235	282.1237	0.70
	$C_{16}H_{17}N_3O^{+\cdot}$	267.1367	267.1371	1.49
OMP-1	$C_{15}H_{16}N_3O^+$	254.1293	254.1287	-2.36
	$C_9H_{12}NOS^+$	182.0635	182.0634	-0.54
	$C_8H_8NOS^+$	166.0313	166.0321	4.81
	$C_9H_{12}NO^+$	150.0911	150.0913	1.33
	$C_8H_9N_2O^+$	149.071	149.0709	-0.67
	$C_8H_{10}NO^+$	136.0757	136.0756	-0.73
	$C_8H_{10}N^+$	120.0808	120.0807	-0.83
	$C_7H_9^+$	93.0699	93.0698	-1.07
	$C_7H_7^+$	91.0538	91.0542	4.39
	$C_6H_5^+$	77.0388	77.0391	3.89
	$C_{17}H_{20}N_3O_2^+$	298.1548	298.1550	0.67
	$C_{16}H_{17}N_3O_2^{+\cdot}$	283.1331	283.1320	-3.88
	$C_{16}H_{16}N_3O_2^+$	282.1238	282.1237	-0.35
OMP-2	$C_{15}H_{14}N_3O_2^+$	268.1073	268.1080	2.61
	$C_{16}H_{16}N_3O^+$	266.1277	266.1287	3.75
	$C_{15}H_{16}N_3O^+$	254.1291	254.1287	-1.57
	$C_{14}H_{11}N_3O_2^{+\cdot}$	253.0855	253.0851	-1.58
	$C_{14}H_{14}N_3O^+$	240.1124	240.1131	2.91
	$C_{16}H_{16}N_3O_2^+$	282.1228	282.1237	3.19
	$C_{16}H_{16}N_3O_2^+$	282.1243	282.1237	-2.12
	$C_{15}H_{14}N_3O_2^+$	268.1071	268.1080	3.35

Table S3: Elemental composition for product ions of OMP-3 and OMP-4

Degradation Products	Proposed molecular formula $[M+H]^+$	Observed (*m/z*)	Calculated (*m/z*)	Error (ppm)
	$C_{17}H_{18}N_3O_2S^+$	328.1116	328.1114	-0.60
	$C_{16}H_{14}N_3O_2^+$	312.0812	312.0801	-3.52
	$C_{15}H_{12}N_3O_2S^+$	298.0642	298.0644	0.67
	$C_{17}H_{17}N_3O_2^{+\cdot}$	295.133	295.1320	-3.38
OMP-3	$C_{15}H_{14}N_3OS^+$	284.0855	284.0852	-1.05
	$C_{16}H_{14}N_3O_2^+$	280.1082	280.1080	-0.71
	$C_{15}H_{11}N_3O_2^{+\cdot}$	265.0853	265.0845	-3.01
	$C_{14}H_{13}N_3O^{+\cdot}$	255.1002	255.1007	1.96
	$C_{14}H_{12}N_3O_2^+$	254.0923	254.0924	0.39
	$C_{15}H_{14}N_3O^+$	252.1124	252.1131	2.77
	$C_{14}H_{11}N_3O^{+\cdot}$	237.0897	237.0902	2.10
	$C_9H_{10}NOS^+$	180.0484	180.0477	-3.88
	$C_{17}H_{20}N_3O_3^+$	314.1511	314.1499	-3.81
	$C_{16}H_{17}N_3O_3^{+\cdot}$	299.1275	299.1269	-2.00
	$C_{17}H_{20}N_3O_3^+$	314.1511	314.1499	-3.81
	$C_{16}H_{17}N_3O_3^{+\cdot}$	299.1275	299.1269	-2.00
	$C_{15}H_{14}N_3O_3^+$	284.1035	284.1029	-2.11
OMP-4	$C_{16}H_{16}N_3O_2^+$	282.1242	282.1237	-1.77
	$C_{15}H_{14}N_3O_2^+$	268.1093	268.1080	-4.84
	$C_{15}H_{12}N_3O_2^+$	266.0932	266.0924	-3.00
	$C_{14}H_{11}N_3O_2^{+\cdot}$	253.0839	253.0851	4.74
	$C_8H_9NO^{+\cdot}$	135.0678	135.0684	4.44
	$C_8H_{12}N^+$	122.097	122.0964	-4.91
	$C_7H_{10}N^+$	108.0811	108.0807	-3.70

Table S4: Elemental composition for product ions of OMP-5.

Degradation Product	Proposed molecular formula $[M+H]^+$	Observed (*m/z*)	Calculated (*m/z*)	Error (ppm)
OMP-5	$C_{17}H_{18}N_3O_3^+$	312.1337	312.1342	1.60
	$C_{16}H_{15}N_3O_3^{+\cdot}$	297.1108	297.1113	1.68
	$C_{16}H_{14}N_3O_3^+$	296.1023	296.1029	2.02
	$C_{16}H_{18}N_3O_2^+$	284.1392	284.1393	0.35
	$C_{16}H_{14}N_3O_2^+$	280.1078	280.1080	0.71
	$C_{15}H_{15}N_3O_2^{+\cdot}$	269.1152	269.1164	4.45
	$C_{16}H_{14}N_3O_2^+$	268.1076	268.1080	1.49
	$C_{14}H_{12}N_3O_2^+$	254.0927	254.0924	-1.18
	$C_{15}H_{14}N_3O^+$	252.1134	252.1131	-1.18
	$C_{14}H_{15}N_3O^{+\cdot}$	241.1211	241.1215	1.65
	$C_{14}H_{14}N_3O^+$	240.1137	240.1131	-2.49
	$C_{13}H_{12}N_3O^+$	226.0969	226.0974	2.21
	$C_{12}H_{13}N_3O^+$	215.1048	215.1058	4.64
	$C_{12}H_{12}N_3^+$	198.1028	198.1025	-1.51
	$C_6H_6N^+$	92.0491	92.0494	3.25

Table S5: Elemental composition for product ions of OMP-6, OMP-7 & OMP-8

Degradation Products	Proposed molecular formula $[M+H]^+$	Observed (*m/z*)	Calculated (*m/z*)	Error (ppm)
	$C_{16}H_{18}N_3O_3S^+$	332.105	332.1063	3.91
	$C_{16}H_{16}N_3O_2S^+$	314.0950	314.0957	2.22
	$C_8H_9N_2O_2S^+$	197.0370	197.0379	4.56
OMP-6	$C_{10}H_{10}NO_2S^+$	184.0418	184.0426	4.34
	$C_8H_7N_2OS^+$	179.0272	179.0273	0.55
	$C_8H_8NOS^+$	166.0312	166.0321	5.42
	$C_8H_{12}NO_2^+$	154.0832	154.0826	-3.89
	$C_7H_{10}N^+$	108.0802	108.0807	4.62
	$C_8H_9N_2OS^+$	181.0434	181.0430	-2.20
	$C_7H_6N_2OS^{+\cdot}$	166.0196	166.0200	2.40
	$C_7H_5N_2OS^+$	165.0109	165.0117	4.84
OMP-7	$C_6H_6N_2S^{+\cdot}$	138.0245	138.0251	4.34
	$C_7H_7N_2O^+$	133.0399	133.0396	-2.25
	$C_7H_9NO^{+\cdot}$	123.0688	123.0684	-3.25
	$C_4H_3N_2S^+$	111.0016	111.0011	-4.50
	$C_6H_5NO^{+\cdot}$	107.0368	107.0371	2.80
	$C_6H_5N_2^+$	105.0451	105.0447	-3.80
	$C_6H_8N^+$	94.0649	94.0651	2.12
	$C_{16}H_{18}N_3O_2S^+$	316.1099	316.1114	4.74
OMP-8	$C_{15}H_{15}N_3O_2S^{+\cdot}$	301.0878	301.0885	2.32
	$C_{15}H_{14}N_3OS^+$	284.0839	284.0852	4.57
	$C_{16}H_{17}N_3O_2^{+\cdot}$	283.1312	283.1320	2.82
	$C_{15}H_{14}N_3O_2^+$	268.1068	268.1080	4.47
	$C_{14}H_{14}N_3O^+$	240.1126	240.1131	2.08
	$C_8H_9N_2OS^+$	181.0438	181.0430	-4.41
	$C_8H_{11}NO^{+\cdot}$	137.0844	137.0840	-2.91
	$C_6H_9^+$	81.0694	81.0698	4.93

Table S6: Elemental composition for product ions of OMP-9 and OMP-10.

Degradation Products	Proposed molecular formula $[M+H]^+$	Observed (*m/z*)	Calculated (*m/z*)	Error (ppm)
	$C_{10}H_{14}NO_2^+$	180.1016	180.1019	1.66
	$C_9H_{10}NO_2^+$	164.0698	164.0706	4.87
	$C_9H_{14}NO^+$	152.1076	152.1069	-4.60
OMP-9	$C_8H_{11}NO^{+\cdot}$	137.0836	137.0840	2.91
	$C_7H_{11}N^{+\cdot}$	109.0886	109.0891	4.58
	$C_7H_{10}N^+$	108.0804	108.0807	2.77
	$C_7H_8N^+$	106.065	106.0651	0.94
	$C_7H_{11}^+$	95.0851	95.0855	4.20
	$C_9H_{12}NO_2S^+$	198.0576	198.0583	3.53
	$C_9H_{11}NOS^{+\cdot}$	181.0559	181.0561	1.10
	$C_9H_{10}NOS^+$	180.0468	180.0477	4.99
OMP-10	$C_8H_8NOS^+$	166.0315	166.0321	3.61
	$C_8H_7NOS^{+\cdot}$	165.0253	165.0248	-3.02
	$C_8H_6NOS^+$	164.0161	164.0164	1.82
	$C_8H_6NS^+$	148.0223	148.0215	-5.40
	$C_7H_7NS^{+\cdot}$	137.0293	137.0299	4.37
	$C_7H_6NS^+$	136.0208	136.0215	5.14

Table S7: Elemental composition for product ions of OMP-11 and OMP-12.

Degradation Products	Proposed molecular formula $[M+H]^+$	Observed (*m/z*)	Calculated (*m/z*)	Error (ppm)
	$C_{16}H_{16}N_3O_4^+$	314.1138	314.1135	-0.95
	$C_{16}H_{14}N_3O_3^+$	296.1022	296.1029	2.36
	$C_{15}H_{16}N_3O_2^+$	270.1228	270.1237	3.33
OMP-11	$C_{15}H_{14}N_3O_2^+$	268.1066	268.1080	5.22
	$C_{14}H_{13}N_3O_2^{+\cdot}$	255.1011	255.1007	-1.56
	$C_{14}H_{16}N_3O^+$	242.1275	242.1287	4.95
	$C_{13}H_{13}N_3O^{+\cdot}$	227.1047	227.1058	4.84
	$C_{13}H_{12}N_3O^+$	226.0976	226.0974	-0.88
	$C_{13}H_{12}N_3^+$	210.1026	210.1031	2.37
	$C_{10}H_{10}N_3O^+$	188.0822	188.0818	-2.12
	$C_9H_8N_3O^+$	174.0657	174.0661	2.29
	$C_8H_9N_3O^{+\cdot}$	163.0737	163.0745	4.90
	$C_8H_5N_3O^{+\cdot}$	159.0432	159.0427	-3.14
	$C_7H_8NO^+$	122.0595	122.0600	4.09
	$C_{16}H_{18}N_3O_2^+$	284.1378	284.1393	5.27
	$C_{15}H_{15}N_3O_2^{+\cdot}$	269.1152	269.1164	4.45
OMP-12	$C_{15}H_{14}N_3O_2^+$	268.1072	268.1080	2.98
	$C_{14}H_{12}N_3O_2^+$	254.0913	254.0924	4.32
	$C_{15}H_{14}N_3O^+$	252.1134	252.1131	-1.18
	$C_{14}H_{15}N_3O^{+\cdot}$	241.1225	241.1215	-4.14
	$C_{14}H_{14}N_3O^+$	240.1124	240.1131	2.91
	$C_{14}H_{12}N_3O^+$	238.0968	238.0974	2.51
	$C_{14}H_{12}N_3O^+$	214.0964	214.0974	4.67
	$C_7H_9O^+$	109.065	109.0647	-2.75
	$C_6H_7N^{+\cdot}$	93.0573	93.0578	5.37

Table S8: Elemental composition for product ions of OMP-13 and OMP-14.

Degradation Products	Proposed molecular formula $[M+H]^+$	Observed (*m/z*)	Calculated (*m/z*)	Error (ppm)
	$C_{16}H_{18}N_3O_3^+$	300.1341	300.1342	0.33
	$C_{15}H_{15}N_3O_3^{+\cdot}$	285.1106	285.1113	2.45
	$C_{15}H_{18}N_3O_2^+$	272.1391	272.1393	0.73
OMP-13	$C_{14}H_{12}N_3O_3^+$	270.087	270.0873	1.11
	$C_{14}H_{15}N_3O_2^{+\cdot}$	257.1152	257.1164	4.66
	$C_{14}H_{14}N_3O_2^+$	256.1079	256.1080	0.39
	$C_{13}H_{12}N_3O_2^+$	242.0921	242.0924	1.23
	$C_{14}H_{14}N_3O^+$	240.1126	240.1131	2.08
	$C_{13}H_{13}N_3O^{+\cdot}$	227.1051	227.1058	3.08
	$C_{13}H_{11}N_3O^{+\cdot}$	225.0893	225.0902	3.99
	$C_{13}H_{10}N_3O^+$	224.0816	224.0818	0.89
	$C_{12}H_8N_3O^+$	210.0671	210.0661	-4.76
	$C_9H_7N_3O^{+\cdot}$	173.0584	173.0589	2.88
	$C_{16}H_{16}N_3O_3^+$	298.1174	298.1186	4.02
	$C_{15}H_{13}N_3O_3^{+\cdot}$	283.0943	283.0956	4.59
OMP-14	$C_{15}H_{12}N_3O_3^+$	282.0863	282.0873	3.54
	$C_{14}H_{10}N_3O_3^+$	268.0721	268.0716	-1.86
	$C_{15}H_{12}N_3O_2^+$	266.0917	266.0924	2.63
	$C_{14}H_{13}N_3O_2^{+\cdot}$	255.1014	255.1007	-2.74
	$C_{14}H_{12}N_3O_2^+$	254.0913	254.0924	4.32
	$C_{13}H_{10}N_3O_2^+$	240.0759	240.0767	3.33
	$C_{13}H_{10}N_3O^+$	224.0828	224.0818	-4.46
	$C_{13}H_9N_3O^{+\cdot}$	223.0735	223.0745	4.48
	$C_{13}H_8N_3O^+$	222.0672	222.0661	-4.95
	$C_{12}H_9N_3^{+\cdot}$	195.0793	195.0796	1.53
	$C_{11}H_6N_3^+$	180.0547	180.0556	4.99
	$C_9H_7N_3O^+$	173.0582	173.0589	4.04

Table S9: Elemental composition for product ions of OMP-15 and OMP-16.

Degradation Products	Proposed molecular formula $[M+H]^+$	Observed (*m/z*)	Calculated (*m/z*)	Error (ppm)
	$C_{17}H_{20}N_3O_4S^+$	362.1152	362.1169	4.69
	$C_{17}H_{20}N_3O_2^+$	298.1545	298.1550	1.67
	$C_{16}H_{17}N_3O_2^{+\cdot}$	283.1308	283.1320	4.23
OMP-15	$C_{15}H_{14}N_3O_2^+$	268.1074	268.1080	2.23
	$C_{16}H_{16}N_3O^+$	266.1278	266.1287	3.38
	$C_{14}H_{14}N_3O^+$	240.1125	240.1131	2.49
	$C_8H_7N_2O_2S^+$	195.022	195.0222	1.02
	$C_8H_7N_2OS^+$	179.0278	179.0273	-2.79
	$C_9H_{14}NO_2^+$	168.1017	168.1019	1.18
	$C_9H_{12}NO_2^+$	166.081	166.0802	-4.81
	$C_{17}H_{20}N_3O_5S^+$	378.1102	378.1118	4.23
	$C_{17}H_{20}N_3O_3^+$	314.1488	314.1499	3.50
	$C_{16}H_{17}N_3O_3^{+\cdot}$	299.126	299.1269	3.00
	$C_{15}H_{14}N_3O_3^+$	284.1023	284.1029	2.11
	$C_{16}H_{16}N_3O_2^+$	282.1251	282.1237	-4.96
OMP-16	$C_{14}H_{14}N_3O_2^+$	256.1074	256.1080	2.34
	$C_{13}H_{14}N_3O^+$	228.1124	228.1131	3.06
	$C_8H_7N_2O_3S^+$	211.0165	211.0171	2.84
	$C_7H_7N_2O_2S^+$	183.022	183.0222	1.09
	$C_9H_{14}NO_2^+$	168.1015	168.1019	2.37
	$C_8H_9N_2O_2^+$	165.0652	165.0658	3.63
	$C_8H_8N_2O_2^{+\cdot}$	164.0577	164.0585	4.87

Table S10: ^{1}H chemical shifts and coupling constants ($J_{H\text{-}H}$) for **OMP-15** (400 MHz, MeOD-d_6)

Proton	(δ) ppm	multiplicity	^{3}J (Hz)
H1	7.01	dd	$^{3}J_{H2/H3}$ = 2.3 $^{3}J_{H2/H6}$ = 8.5
2-OCH3	3.84	s	--------
H3	7.04	d	$^{3}J_{H2/H3}$ = 2.3
H6	7.55	d	$^{3}J_{H2/H6}$ = 8.5
H9	7.04	m	--------
10-CH2	4.88	s	--------
H13	7.98	s	--------
14-CH3	2.20	s	--------
15-OCH3	3.69	s	--------
16-CH3	2.19	s	--------

Table S11: ^{1}H chemical shifts and coupling constants ($J_{H\text{-}H}$) for **OMP-16** (400 MHz, MeOD-d_6)

Proton	(δ) ppm	multiplicity	^{3}J (Hz)
H1	7.04	d	$^{3}J_{H2/H6}$ = 8.5
2-OCH3	3.86	s	--------
H3	7.89	m	--------
H6	7.56	d	$^{3}J_{H2/H6}$ = 8.5
H9	7.05	m	--------
10-CH2	4.85	s	--------
H13	7.91	s	--------
14-CH3	2.24	s	--------
15-OCH3	3.81	s	--------
16-CH3	2.23	s	--------

Table S12: IC_{50} values[a] (in µg) of OMP, OMP-15 and OMP-16

Sl. No	**HEK-293[b]**	**NIH3T3[c]**
OMP	32.85±2.45	28.21±2.01
OMP-15	62.70±1.90	56.40±4.83
OMP-16	57.05±3.75	63.76±2.75

[a] 50% Inhibitory concentration after 48 h of drug treatment.

[b] Normal human embryonic kidney cells (**HEK-293)**

[c] Normal mouse embryo fibroblast cells (**NIH3T3)**