

Table S1 New diterpenoid alkaloids isolated from 2009-2018.

Source	DAs	Number	Molecular formula	MS	Classes	Ref.
<i>A. anthora</i>	10-Hydroxy-8- <i>O</i> -methyltalatizamine	54	C ₂₅ H ₄₁ NO ₆	451	B-1	52
<i>A. apetalum</i>	Apetaldine A	62	C ₃₆ H ₅₀ N ₂ O ₈	638	B-1	55
	Apetaldine B	63	C ₃₄ H ₄₆ N ₂ O ₈	610	B-1	55
	Apetaldine C	64	C ₃₄ H ₄₄ N ₂ O ₈	608	B-1	55
	Apetaldine F	65	C ₃₂ H ₄₄ N ₂ O ₇	568	B-1	55
	Apetaldine D	67	C ₃₃ H ₄₆ N ₂ O ₇	582	B-1	55
	Apetaldine E	68	C ₃₁ H ₄₀ N ₂ O ₆	536	B-1	55
	Apetaldine G	69	C ₃₂ H ₄₂ N ₂ O ₇	566	B-1	55
<i>A. barbatum</i> var. <i>puberulum</i>	Puberumine A	18	C ₂₃ H ₃₇ NO ₈	455	A-2	33
	Puberumine B	19	C ₂₃ H ₃₇ NO ₈	455	A-2	33
	Puberumine C	20	C ₂₃ H ₃₆ ClNO ₇	473	A-2	33
	Puberumine D	22	C ₂₃ H ₃₅ NO ₇	437	A-2	33
	Puberudine	28	C ₂₃ H ₃₅ NO ₇	437	A-3	33
	Puberunine	29	C ₂₃ H ₃₅ NO ₇	437	A-4	33
	Puberuline C	240	C ₂₅ H ₃₉ NO ₆	449	B-6	105
	Puberuline A	331	C ₂₂ H ₂₉ NO ₄	371	C-6	105
	Puberuline B	332	C ₂₂ H ₂₉ NO ₅	387	C-6	105
<i>A. brachypodum</i>	<i>N</i> -Deethyl-3- <i>O</i> -acetylchasmaconitine	79	C ₃₄ H ₄₅ NO ₁₁	643	B-1	61
	<i>N</i> -Deethyl-3- <i>O</i> -acetylyunaconitine	80	C ₃₅ H ₄₇ NO ₁₂	673	B-1	61
	<i>N</i> -Deethyl-3- <i>O</i> -acetyljesaconitine	124	C ₃₅ H ₄₇ NO ₁₃	689	B-1	61
	Brachyaconitine D	134	C ₃₂ H ₄₃ NO ₁₁	617	B-1	78
	<i>N</i> (4)-Butanone-flavaconitine	136	C ₃₅ H ₄₇ NO ₁₂	673	B-1	117
	Brachyaconitine A	144	C ₃₅ H ₄₅ NO ₁₃	697	B-1	78
	Brachyaconitine B	153	C ₃₄ H ₄₃ NO ₁₂	657	B-1	78

	Brachyaconitine C	217	$C_{32}H_{41}NO_{10}$	599	B-4	78
	N(19)-en-Denudatine	272	$C_{20}H_{27}NO_2$	313	C-2	117
	Bullatine H	266	$C_{23}H_{35}NO_6$	421	C-2	119
<i>A. brevicaratum</i>	Brochyponine A	44	$C_{25}H_{41}NO_5$	435	B-1	2
	Brevicanine	66	$C_{34}H_{48}N_2O_7$	596	B-1	56
	Brochyponine C	70	$C_{29}H_{38}N_2O_6$	510	B-1	2
	Brochyponine B	71	$C_{32}H_{46}N_2O_6$	554	B-1	2
<i>A. bulleyanum</i>	Bulleyanine A	354	$C_{44}H_{62}N_2O_4$	682	D-1	154
	Bulleyanine B	355	$C_{44}H_{64}N_2O_3$	668	D-1	154
<i>A. carmichaelii</i>	Carmichaenine A	87	$C_{31}H_{43}NO_7$	541	B-1	63
	Carmichaenine C	88	$C_{30}H_{41}NO_7$	527	B-1	63
	Carmichaenine D	94	$C_{29}H_{39}NO_7$	513	B-1	63
	Carmichaenine B	98	$C_{23}H_{37}NO_7$	439	B-1	63
	Carmichaenine E	99	$C_{31}H_{43}NO_8$	557	B-1	63
	Carmichaedine	320	$C_{32}H_{45}NO_8$	571	C-5	138
	Guiwuline	221	$C_{24}H_{37}NO_6$	435	B-5	104
	Compound 72	72	$C_{31}H_{43}NO_8$	557	B-1	58
	Compound 73	73	$C_{31}H_{43}NO_7$	541	B-1	58
	Compound 74	74	$C_{30}H_{41}NO_7$	527	B-1	58
	Compound 75	75	$C_{32}H_{45}NO_8$	571	B-1	58
	Compound 100	100	$C_{34}H_{47}NO_{11}$	645	B-1	58
	Compound 110	110	$C_{32}H_{45}NO_8$	571	B-1	58
	Compound 111	111	$C_{31}H_{43}NO_8$	557	B-1	58
	Compound 112	112	$C_{33}H_{47}NO_8$	585	B-1	58
	Compound 113	113	$C_{34}H_{47}NO_9$	613	B-1	58
	Compound 117	117	$C_{34}H_{47}NO_{10}$	629	B-1	58
	Compound 118	118	$C_{32}H_{45}NO_{10}$	603	B-1	58
	Compound 119	119	$C_{38}H_{47}NO_{11}$	693	B-1	58

Compound 120	120	C ₃₃ H ₄₇ NO ₉	601	B-1	58
Compound 121	121	C ₃₅ H ₅₁ NO ₁₀	645	B-1	74
Compound 122	122	C ₃₆ H ₅₃ NO ₁₀	659	B-1	74
Compound 128	128	C ₃₁ H ₄₃ NO ₈	557	B-1	58
Compound 129	129	C ₃₃ H ₄₅ NO ₈	583	B-1	58
Compound 135	135	C ₃₂ H ₄₅ NO ₁₁	619	B-1	58
Compound 137	137	C ₃₄ H ₄₇ NO ₁₂	661	B-1	58
Compound 138	138	C ₃₂ H ₄₅ NO ₁₁	619	B-1	58
Compound 139	139	C ₃₄ H ₄₇ NO ₁₁	633	B-1	58
Compound 140	140	C ₃₁ H ₄₃ NO ₁₁	605	B-1	58
Compound 141	141	C ₃₃ H ₄₅ NO ₁₁	631	B-1	58
Compound 142	142	C ₃₉ H ₄₉ NO ₁₂	723	B-1	74
Compound 149	149	C ₃₃ H ₄₇ NO ₈	585	B-1	74
Compound 150	150	C ₃₆ H ₅₃ NO ₉	643	B-1	74
Carmichasine A	145	C ₃₄ H ₄₄ N ₂ O ₁₀	640	B-1	82
Compound 146	146	C ₃₄ H ₄₅ NO ₁₁	643	B-1	58
Aconicarmine	267	C ₂₂ H ₃₅ NO ₅	393	C-2	120
Compound 286	286	C ₃₁ H ₃₅ NO ₈	549	C-3	58
(13 <i>R</i> ,15 <i>S</i> ,19 <i>S</i>)-13,15,19-Triol-hetisa	289	C ₂₀ H ₂₇ NO ₃	329	C-3	128
Compound 290	290	C ₂₉ H ₄₁ NO ₆	499	C-3	58
Compound 291	291	C ₂₉ H ₄₁ NO ₇	515	C-3	58
Compound 292	292	C ₃₀ H ₄₃ NO ₇	529	C-3	58
Carmichasine D	154	C ₃₂ H ₄₁ NO ₁₀	599	B-1	82
Carmichasine B	222	C ₃₁ H ₄₁ NO ₇	539	B-5	82
Carmichasine C	223	C ₂₄ H ₃₇ NO ₆	435	B-5	82
Aconicarchamine B	263	C ₃₁ H ₄₁ NO ₇	539	C-2	125
Compound 321	321	C ₄₃ H ₄₇ NO ₁₂	769	C-5	139
Compound 333	333	C ₃₁ H ₄₁ NO ₇	539	C-6	167

	Aconicarmichinium A trifluoroacetate	334	$C_{22}H_{31}NO_3$	357	C-6	141
	Aconicarmichinium B trifluoroacetate	335	$C_{22}H_{29}NO_3$	355	C-6	141
	Aconicarmichinium C chloride	336	$C_{22}H_{31}NO_4$	373	C-6	141
	Aconicarchamine A	341	$C_{22}H_{35}NO_4$	377	C-22	125
	Aconicarmisulfonine A	342	$C_{22}H_{29}NO_6S$	435	C-13	145
	Aconicarmichoside A	228	$C_{29}H_{47}NO_{10}$	569	B-1	20
	Aconicarmichoside B	229	$C_{29}H_{47}NO_{10}$	569	B-1	20
	Aconicarmichoside C	230	$C_{29}H_{47}NO_{10}$	569	B-1	20
	Aconicarmichoside D	231	$C_{29}H_{47}NO_{10}$	569	B-1	20
	Aconicarmichoside E	232	$C_{29}H_{47}NO_{10}$	569	B-1	21
	Aconicarmichoside F	233	$C_{28}H_{45}NO_9$	539	B-1	21
	Aconicarmichoside G	234	$C_{28}H_{45}NO_9$	539	B-1	21
	Aconicarmichoside H	235	$C_{28}H_{45}NO_9$	539	B-1	21
	Aconicarmichoside K	236	$C_{29}H_{47}NO_9$	553	B-1	21
	Aconicarmichoside L	237	$C_{30}H_{49}NO_{10}$	583	B-1	21
	Aconicarmichoside I	238	$C_{29}H_{47}NO_{11}$	585	B-1	21
	Aconicarmichoside J	239	$C_{29}H_{47}NO_{11}$	585	B-1	21
<i>A. coreanum</i>	Guan-fu base R	293	$C_{26}H_{38}ClNO_6$	495	C-3	172
	Guan-fu base V	298	$C_{20}H_{25}NO_3$	327	C-3	130
	Guan-fu base A1	309	$C_{24}H_{31}NO_6$	429	C-3	175
	Guan-fu base W	310	$C_{22}H_{29}NO_5$	387	C-3	130
	Guan-fu base N	311	$C_{24}H_{33}NO_5$	415	C-3	134
	Guan-fu base X	312	$C_{22}H_{29}NO_6$	403	C-3	130
	Guan-fu base J	347	$C_{22}H_{29}NO_5$	387	C-17	134
<i>A. duclouxii</i>	Ducloudine D	85	$C_{24}H_{39}NO_7$	453	B-1	62
	Ducloudine E	86	$C_{26}H_{41}NO_8$	495	B-1	62
	Ducloudine F	103	$C_{24}H_{35}NO_6$	433	B-1	69
	Ducloudine C	105	$C_{24}H_{35}NO_6$	433	B-1	62

	Ducloudine A	130	$C_{34}H_{47}NO_{10}$	599	B-1	76
	Ducloudine B	131	$C_{34}H_{47}NO_{11}$	537	B-1	76
<i>A. forrestii</i>	14-Acetoxy-8- <i>O</i> -methylsachaconitine	35	$C_{26}H_{41}NO_5$	447	B-1	40
	14-Acetoxyscaconine	42	$C_{25}H_{39}NO_6$	449	B-1	40
	8- <i>O</i> -Ethylcammaconine	43	$C_{25}H_{41}NO_5$	435	B-1	40
<i>A. franchetii</i> var. <i>villosulum</i>	Villosutine	77	$C_{36}H_{49}NO_{10}$	655	B-1	59
	Villosudine A	78	$C_{35}H_{49}NO_9$	627	B-1	60
	Villosudine B	106	$C_{36}H_{49}NO_{11}$	671	B-1	60
<i>A. handelianum</i>	Handelidine	262	$C_{24}H_{37}NO_5$	419	C-2	116
<i>A. hemsleyanum</i>	Hemsleyaconitine A	30	$C_{32}H_{45}NO_7$	555	B-1	3
	Hemsleyaconitine C	31	$C_{27}H_{43}NO_5$	461	B-1	3
	Hemsleyaconitine D	45	$C_{31}H_{43}NO_8$	557	B-1	3
	Hemsleyaconitine E	82	$C_{35}H_{51}NO_9$	629	B-1	3
	Hemsleyaconitine B	84	$C_{32}H_{45}NO_9$	587	B-1	3
	Hemsleyaconitine F	245	$C_{23}H_{35}NO_3$	373	B-8	106
	Hemsleyaconitine G	246	$C_{24}H_{37}NO_4$	403	B-8	106
<i>A. hemsleyanum</i> var. <i>circinatum</i>	Circinatine B	39	$C_{22}H_{33}NO_6$	407	B-1	44
	Circinatine C	40	$C_{30}H_{39}NO_8$	541	B-1	44
	Circinatine D	41	$C_{30}H_{39}NO_9$	557	B-1	44
	Hemaconitine D	50	$C_{28}H_{45}NO_6$	491	B-1	48
	Hemsleyanine E	53	$C_{30}H_{41}NO_9$	559	B-1	51
	Hemsleyanine G	55	$C_{31}H_{41}NO_8$	555	B-1	51
	Hemsleyanine F	56	$C_{31}H_{41}NO_9$	571	B-1	51
	Circinatine E	57	$C_{31}H_{41}NO_{10}$	587	B-1	44
	Circinatine F	59	$C_{30}H_{39}NO_{10}$	573	B-1	44
	Hemaconitine B	81	$C_{41}H_{53}NO_{12}$	751	B-1	48

	Hemaconitine C	96	$C_{34}H_{47}NO_{11}$	643	B-1	48
	Hemaconitine A	220	$C_{33}H_{47}NO_{10}$	617	B-4	48
	Circinatine A	226	$C_{32}H_{43}NO_8$	569	B-5	44
<i>A. hemsleyanum</i> var. <i>hanvuanum</i>	Hanyuannine	52	$C_{33}H_{45}NO_{11}$	631	B-1	50
<i>A. heterophyllum</i>	6 β -Methoxy, 9 β -dihydroxylheteratisine	216	$C_{23}H_{35}NO_6$	421	B-3	102
	6,15 β -Dihydroxylhetisine	278	$C_{20}H_{27}NO_2$	313	C-3	102
	1 α ,11,13 β -Trihydroxylhetisine	303	$C_{20}H_{27}NO_3$	329	C-3	102
	Heterophyllinine-B	256	$C_{24}H_{35}NO_4$	401	C-1	112
	Heterophyllinine-A	268	$C_{22}H_{33}NO_2$	343	C-2	112
<i>A. iochanicum</i>	N(19)-en-Austroconitine A	38	$C_{23}H_{33}NO_5$	403	B-1	43
	7,8-Epoxy-franchetine	224	$C_{31}H_{41}NO_7$	539	B-5	43
<i>A. japonicum</i> subsp. <i>subcuneatum</i>	14-Anisoyllasianine	125	$C_{33}H_{48}N_2O_{10}$	632	B-1	75
	14-Anisoyl-N-deethylaconine	126	$C_{31}H_{43}NO_{11}$	605	B-1	75
	N-Deethylaljesaconitine A	127	$C_{32}H_{45}NO_{11}$	619	B-1	75
	N-Deethylnevadensine	179	$C_{21}H_{31}NO_6$	393	B-2	75
<i>A. kirinense</i>	Kirinenine A	17	$C_{26}H_{41}NO_8$	495	A-2	32
<i>A. kusnezoffii</i>	Compound 148	148	$C_{32}H_{43}NO_9$	585	B-1	79
<i>A. laeve</i>	Swatinine-B	157	$C_{32}H_{46}N_2O_8$	586	B-2	84
	Swatinine-A	177	$C_{25}H_{37}NO_7$	463	B-2	84
<i>A. leucostomum</i>	Leucostomine A	254	$C_{22}H_{33}NO_3$	359	C-1	111
	Leucostomine B	255	$C_{22}H_{33}NO_4$	375	C-1	111
<i>A. leucostomum</i>	Leucostonine	24	$C_{22}H_{35}NO_5$	393	A-2	20
<i>A. liangshanicum</i>	Liangshantine	104	$C_{26}H_{37}NO_7$	475	B-1	70
	Liangshansine B	264	$C_{21}H_{33}NO_4$	363	C-2	70
	Liangshansine A	271	$C_{22}H_{29}NO_3$	355	C-2	70
	Liangshansine C	275	$C_{23}H_{33}NO_4$	387	C-2	70

<i>A. longzhoushanense</i>	Longzhoushansine	47	$C_{32}H_{45}NO_8$	571	B-1	45
<i>A. moldavicum</i>	1- <i>O</i> -Demethylswatinine	173	$C_{24}H_{40}NO_8$	469	B-2	91
<i>A. nagarum</i> var. <i>heterotrichum</i>	Nagaconitine B	114	$C_{32}H_{43}NO_9$	585	B-1	72
	Nagaconitine A	123	$C_{36}H_{51}NO_{12}$	689	B-1	72
	Nagaconitine C	132	$C_{28}H_{43}NO_9$	537	B-1	72
	Nagaconitine D	282	$C_{24}H_{31}NO_6$	429	C-3	72
<i>A. naviculare</i>	Navicularine C	316	$C_{29}H_{37}NO_3$	447	C-4	135
	Navicularine A	360	$C_{40}H_{50}N_2O_4$	622	D-2	135
	Navicularine B	361	$C_{47}H_{56}N_2O_5$	728	D-2	135
<i>A. orientale</i>	Aconitorientaline	151	$C_{25}H_{39}NO_7$	465	B-1	81
<i>A. ouvardianum</i>	19 <i>R</i> -Acetonyl-talatisamine	49	$C_{27}H_{43}NO_6$	477	B-1	47
	3-Dehydroxyl-lipoindaconitine	76	$C_{50}H_{75}NO_9$	833	B-1	47
	8-Dehydroxyl-bikhaconine	97	$C_{25}H_{41}NO_6$	451	B-1	47
<i>A. ouvardianum</i>	16-Hydroxyl-vilmorisine	225	$C_{25}H_{37}NO_6$	447	B-5	47
<i>A. pendulum</i>	<i>N</i> -Deethyl-3-acetylaconitine	115	$C_{34}H_{45}NO_{12}$	659	B-1	73
	<i>N</i> -Deethyldeoxyaconitine	116	$C_{34}H_{43}NO_{10}$	601	B-1	73
	Secoaconitine	219	$C_{32}H_{43}NO_9$	585	B-4	73
<i>A. piepunense</i>	Piepunine	353	$C_{44}H_{64}N_2O_4$	684	D-1	153
<i>A. recemulosum</i>	Racemulosine B	51	$C_{31}H_{43}NO_8$	557	B-1	49
	Racemulosine A	285	$C_{25}H_{33}NO_6$	443	C-3	49
<i>A. rotundifolium</i>	Rotundifosine E	304	$C_{27}H_{31}NO_5$	449	C-3	132
	Rotundifosine F	314	$C_{31}H_{42}N_2O_2$	474	C-4	132
	Rotundifosine G	315	$C_{30}H_{40}N_2O_2$	460	C-4	132
	Rotundifosine D	322	$C_{43}H_{45}NO_{13}$	783	C-5	132
<i>A. rotundifolium</i>	Rotundifosine A	213	$C_{21}H_{29}NO_5$	375	B-3	101
	Rotundifosine B	214	$C_{23}H_{33}NO_5$	203	B-3	101
	Rotundifosine C	215	$C_{23}H_{33}NO_6$	419	B-3	101

<i>A. sinchiangense</i>	Sinchianine	276	$C_{23}H_{33}NO_5$	403	C-2	123
	Sinchiangensine A	143	$C_{50}H_{75}NO_{12}$	881	B-1	80
<i>A. sinomontanum</i>	Sinomontanine N	6	$C_{22}H_{34}ClNO_6$	443	A-1	27
	Sinomontadine	27	$C_{23}H_{35}NO_7$	437	A-5	27
	Sinomontanidine A	269	$C_{26}H_{37}NO_5$	443	C-2	127
	Sinomontanidine B	270	$C_{24}H_{35}NO_4$	401	C-2	127
	Ranaconidine	21	$C_{23}H_{37}NO_7$	439	A-2	34
<i>A. soongaricum</i> var. <i>pubescens</i>	Pubescensine	133	$C_{33}H_{45}NO_{10}$	615	B-1	77
<i>A. soongaricum</i> var. <i>pubescens</i>	Pubesine	277	$C_{23}H_{31}NO_5$	401	C-2	124
<i>A. stapfianum</i>	Stapfianine A	46	$C_{32}H_{43}NO_6$	537	B-1	42
<i>A. straminiflorum</i>	Straconitine A	92	$C_{31}H_{43}NO_8$	557	B-1	65
	Straconitine B	93	$C_{30}H_{41}NO_8$	543	B-1	65
<i>A. szechenyianum</i>	Szechenyianine F	58	$C_{24}H_{38}NO_5^+$	420	B-1	53
	Szechenyianine E	147	$C_{39}H_{55}NO_{11}$	713	B-1	53
	Szechenyianine B	152	$C_{32}H_{42}NO_5$	615	B-1	103
	Szechenyianine C	218	$C_{30}H_{39}NO_8$	541	B-4	103
	Szechenyianine D	227	$C_{31}H_{43}NO_{10}$	589	B-5	53
<i>A. taipaicum</i>	Taipeinine A	107	$C_{25}H_{41}NO_6$	451	B-1	71
	Taipeinine B	108	$C_{25}H_{41}NO_6$	451	B-1	71
	Taipeinine C	109	$C_{24}H_{39}NO_6$	437	B-1	71
<i>A. tanguticum</i>	Tanaconitine	317	$C_{29}H_{38}N_2O_2$	446	C-4	136
<i>A. tanguticum</i> var. <i>trichocarpum</i>	Trichocarpisine B	305	$C_{27}H_{37}NO_5$	455	C-3	133
	Trichocarpisine C	306	$C_{26}H_{35}NO_5$	441	C-3	133
	Trichocarpinine	356	$C_{45}H_{60}N_2O_6$	724	D-2	19
	Trichocarpinine A	357	$C_{47}H_{62}N_2O_7$	766	D-2	155
	Trichocarpinine B	358	$C_{47}H_{62}N_2O_6$	750	D-2	155

	Trichocarpinine C	359	C ₄₆ H ₆₀ N ₂ O ₇	752	D-2	155
	Trichocarpidine	362	C ₄₃ H ₅₈ N ₂ O ₆	698	D-7	155
	Trichocarpine A	363	C ₄₃ H ₅₈ N ₂ O ₇	714	D-7	156
	Trichocarpine B	364	C ₄₁ H ₅₆ N ₂ O ₆	672	D-7	156
<i>A. taronense</i>	Taronenine B	89	C ₃₄ H ₄₇ NO ₁₀	629	B-1	64
	Taronenine C	90	C ₃₃ H ₄₅ NO ₉	599	B-1	64
	Taronenine D	91	C ₃₃ H ₄₅ NO ₉	599	B-1	64
	Taronenine A	95	C ₃₄ H ₄₇ NO ₁₀	629	B-1	64
<i>A. transsectum</i>	Aconitramine B	32	C ₃₃ H ₄₅ NO ₇	567	B-1	38
	Aconitramine C	33	C ₃₄ H ₄₇ NO ₈	597	B-1	38
	Aconitramine D	34	C ₃₂ H ₄₃ NO ₆	537	B-1	39
	Aconitramine E	83	C ₃₃ H ₄₇ NO ₈	585	B-1	39
	Aconitramine A	242	C ₂₄ H ₃₅ NO ₄	401	B-7	38
<i>A. tsaii</i>	14-Benzoylliljestrandisine	60	C ₃₀ H ₄₁ NO ₆	511	B-1	54
	14-Anisoylliljestrandisine	61	C ₃₁ H ₄₃ NO ₇	541	B-1	54
<i>A. vaginatum</i>	Vaginatunine C	23	C ₂₄ H ₃₉ NO ₆	437	A-2	37
<i>A. vilmorianum</i>	<i>N</i> -Desethyl- <i>N</i> -formyl-8- <i>O</i> -methyltalatisamine	48	C ₂₄ H ₃₇ NO ₆	435	B-1	46
	Vilmorrianine F	283	C ₂₈ H ₃₃ NO ₆	479	C-3	127
	Vilmorrianine G	284	C ₂₈ H ₃₃ NO ₅	463	C-3	127
	Vilmorrianine E	297	C ₂₀ H ₂₅ NO ₂	311	C-3	127
<i>A. vilmorinianum</i>	Vilmorine D	5	C ₃₁ H ₄₃ NO ₇	541	A-2	26
	1- <i>epi</i> -16 β -Hydroxycardiopetaline	36	C ₂₁ H ₃₃ NO ₄	363	B-1	41
	Vilmorine C	243	C ₂₂ H ₂₉ NO ₄	371	B-7	26
	Vilmorine B	244	C ₂₁ H ₂₇ NO ₃	341	B-7	26
<i>A. vilmorinianum</i> var. <i>patentipilum</i>	Vilmodenitine C	37	C ₂₂ H ₃₃ NO ₄	375	B-1	42
	Vilmodenitine A	247	C ₂₃ H ₃₅ NO ₃	373	B-9	42
	Vilmodenitine B	248	C ₂₄ H ₃₇ NO ₄	403	B-9	42

<i>A. vulparia</i>	Alexhumboldtine	102	C ₂₅ H ₃₉ NO ₇	465	B-1	68
<i>A. weixiense</i>	Weisaconitine B	1	C ₂₂ H ₃₅ NO ₅	393	A-1	25
	Weisaconitine C	2	C ₂₂ H ₃₃ NO ₄	375	A-1	25
	Weisaconitine A	3	C ₂₆ H ₄₁ NO ₅	447	A-1	25
	Weisaconitine D	4	C ₂₄ H ₃₉ NO ₄	405	A-1	25
<i>A. yesoense</i> var. <i>macroyesoense</i>	Macroyesoenline	265	C ₂₃ H ₃₅ NO ₆	421	C-2	118
<i>A. zeravschanicum</i>	(1 α ,8 β)-6 β -Benzoyloxy-6-dehydroxyheteratisine	212	C ₂₉ H ₃₇ NO ₆	495	B-3	100
<i>Anopterus</i> <i>macleayanus</i>	6 α -Acetoxyanopterine	337	C ₃₃ H ₄₅ NO ₈	583	C-8	142
	4'-Hydroxy-6 α -acetoxyanopterine	338	C ₃₃ H ₄₅ NO ₉	599	C-8	142
	4'-Hydroxyanopterine	339	C ₃₁ H ₄₃ NO ₈	557	C-8	142
	11 α -Benzoylanopterine	340	C ₃₃ H ₄₁ NO ₇	563	C-8	142
<i>Artemisia</i> <i>korshinskyi</i>	Artekorine	25	C ₃₂ H ₄₄ N ₂ O ₈	584	A-2	36
	6-Ketoartekorine	26	C ₃₂ H ₄₂ N ₂ O ₈	582	A-2	36
<i>Caesalpinia minax</i>	Caesalminine A	366	C ₂₄ H ₃₁ NO ₆	429	M	158
	Caesalminine B	367	C ₂₆ H ₃₅ NO ₇	473	M	158
<i>Caesalpinia sappan</i>	Caesanine A	349	C ₂₁ H ₂₇ NO ₃	341	C-20	152
	Caesanine B	350	C ₂₁ H ₂₇ NO ₃	341	C-20	152
	Caesanine C	351	C ₂₂ H ₂₉ NO ₄	371	C-20	152
	Caesanine D	352	C ₄₂ H ₅₅ NO ₇	685	C-20	152
<i>Croton crassifolius</i>	Cracroson C	368	C ₁₉ H ₁₉ NO ₄	325	M	159
<i>D. ajacis</i>	Ajacisine D	155	C ₃₀ H ₄₂ N ₂ O ₈	558	B-2	83
	Ajacisine E	156	C ₃₀ H ₄₂ N ₂ O ₈	558	B-2	83
	Ajacisine A	158	C ₃₁ H ₄₄ N ₂ O ₉	588	B-2	83
	Ajacisine B	159	C ₃₂ H ₄₆ N ₂ O ₉	602	B-2	83
	Ajacisine C	161	C ₃₁ H ₄₂ N ₂ O ₈	570	B-2	83

<i>D. anthriscifolium</i>	Anthriscifoltine A	12	$C_{30}H_{45}NO_9$	563	A-2	31
	Anthriscifoltine B	13	$C_{28}H_{43}NO_8$	521	A-2	31
<i>D. anthriscifolium</i> var. <i>majus</i>	Anthriscifolcine A	9	$C_{26}H_{39}NO_7$	477	A-2	29
	Anthriscifoltine C	10	$C_{29}H_{43}NO_9$	549	A-2	30
	Anthriscifoltine D	11	$C_{32}H_{41}NO_9$	583	A-2	30
	Anthriscifoltine E	14	$C_{25}H_{35}NO_8$	477	A-2	30
	Anthriscifoltine F	15	$C_{23}H_{33}NO_7$	435	A-2	30
	Anthriscifoltine G	16	$C_{23}H_{31}NO_7$	433	A-2	30
	Anthriscifolrine B	183	$C_{27}H_{41}NO_8$	507	B-2	101
	Anthriscifolrine C	184	$C_{27}H_{41}NO_9$	523	B-2	101
	Anthriscifolrine E	185	$C_{26}H_{39}NO_8$	493	B-2	101
	Anthriscifolrine F	186	$C_{25}H_{39}NO_7$	465	B-2	101
	Anthriscifolrine A	200	$C_{25}H_{37}NO_6$	447	B-2	101
	Anthriscifolrine D	201	$C_{26}H_{39}NO_8$	493	B-2	101
	Anthriscifolsine C	281	$C_{30}H_{43}NO_7$	529	C-3	101
	Anthriscifolsine B	313	$C_{24}H_{31}NO_7$	445	C-3	101
	Anthriscifolsine A	346	$C_{29}H_{31}NO_7$	505	C-21	101
<i>D. anthriscifolium</i> var. <i>savatieri</i>	Anthriscifolmine D	318	$C_{33}H_{41}NO_9$	595	C-5	137
	Anthriscifolmine E	327	$C_{40}H_{49}NO_{13}$	751	C-5	137
	Anthriscifolmine F	328	$C_{40}H_{49}NO_{12}$	735	C-5	137
	Anthriscifolmine G	329	$C_{37}H_{43}NO_{13}$	709	C-5	137
	Anthriscifolmine H	330	$C_{37}H_{43}NO_{12}$	693	C-5	137
	Anthriscifolmine A	273	$C_{25}H_{37}NO_5$	431	C-2	122
	Anthriscifolmine B	274	$C_{25}H_{37}NO_6$	447	C-2	122
	Anthriscifolmine C	294	$C_{29}H_{31}NO_7$	505	C-3	122
	Anthriscifoldine A	168	$C_{25}H_{37}NO_7$	463	B-2	28

	Anthriscifoldine B	180	C ₂₅ H ₃₉ NO ₇	465	B-2	28
	Anthriscifoldine C	181	C ₂₇ H ₄₁ NO ₇	491	B-2	28
	Anthriscifolcine F	7	C ₂₅ H ₃₇ NO ₈	479	A-2	28
	Anthriscifolcine G	8	C ₂₅ H ₃₇ NO ₇	463	A-2	28
<i>D. caeruleum</i>	Caerudelphinine A	187	C ₂₅ H ₃₉ NO ₈	481	B-2	96
<i>D. chrysotrichum</i>	Delphatisine C	258	C ₂₄ H ₃₁ NO ₅	413	C-1	114
<i>D. elatum</i>	Melpheline	190	C ₂₄ H ₃₇ NO ₆	435	B-2	97
	19-Oxoisodelpheline	193	C ₂₅ H ₃₇ NO ₇	463	B-2	97
	<i>N</i> -Deethyl-19-oxoisodelpheline	194	C ₂₃ H ₃₃ NO ₇	435	B-2	97
	<i>N</i> -Deethyl-19-oxodelpheline	195	C ₂₃ H ₃₃ NO ₇	435	B-2	97
	<i>N</i> -Deethyl- <i>N</i> -formylpaciline	196	C ₂₅ H ₃₇ NO ₇	463	B-2	98
	<i>N</i> -Deethyl- <i>N</i> -formylpacinine	197	C ₂₄ H ₃₃ NO ₇	447	B-2	98
	Elapacigine	198	C ₂₃ H ₃₁ NO ₆	417	B-2	98
	<i>N</i> -Formyl-4,19-secoyunnadelphinine	250	C ₂₄ H ₃₅ NO ₇	449	B-11	98
	Elapacidine	172	C ₂₄ H ₃₇ NO ₆	435	B-2	90
	6-Dehydroeladine	199	C ₂₄ H ₃₅ NO ₆	433	B-2	90
	Iminoisodelpheline	205	C ₂₃ H ₃₃ NO ₆	419	B-2	90
	Iminodelpheline	206	C ₂₃ H ₃₃ NO ₆	419	B-2	90
	Iminopaciline	207	C ₂₄ H ₃₅ NO ₆	433	B-2	90
	<i>N</i> -Formyl-4,19-secopacinine	251	C ₂₅ H ₃₇ NO ₇	463	B-11	90
<i>D. flexuosum</i>	Flexiosine	295	C ₃₆ H ₄₃ NO ₉	633	C-3	129
<i>D. grandiflorum</i>	Grandiflodine B	249	C ₃₃ H ₄₈ N ₂ O ₁₀	632	B-10	109
	Grandiflodine A	345	C ₂₂ H ₂₈ N ₂ O ₃	368	C-18	109
<i>D. honanense</i>	Honatisine	257	C ₃₃ H ₄₉ NO ₆	555	C-1	113
<i>D. iliense</i>	Iliensine B	182	C ₂₆ H ₄₁ NO ₈	495	B-2	94
	Iliensine A	192	C ₄₀ H ₅₅ NO ₁₄	773	B-2	94
<i>D. kohatense</i>	Kohatenine	101	C ₂₈ H ₄₃ NO ₈	521	B-1	66
<i>D. majus</i>	Majusine A	160	C ₃₂ H ₄₄ N ₂ O ₉	600	B-2	85

	Majusine C	169	$C_{26}H_{37}NO_8$	491	B-2	85
	Majusine B	188	$C_{24}H_{37}NO_6$	435	B-2	85
	Majusidine A	279	$C_{22}H_{29}NO_5$	387	C-3	85
	Majusidine B	308	$C_{25}H_{33}NO_4$	411	C-3	85
	Majusimine D	319	$C_{34}H_{37}NO_{12}$	651	C-5	85
	Majusimine A	324	$C_{45}H_{47}NO_{15}$	841	C-5	85
	Majusimine B	325	$C_{43}H_{45}NO_{14}$	799	C-5	85
	Majusimine C	326	$C_{41}H_{43}NO_{13}$	757	C-5	85
<i>D. naviculare</i> var. <i>lasiocarpum</i>	Navicularine	171	$C_{27}H_{43}NO_8$	509	B-2	89
<i>D. pseudoaemulans</i>	Pseudophnine A	174	$C_{25}H_{40}NO_7^+$	466	B-2	92
	Pseudophnine B	175	$C_{24}H_{38}NO_7^+$	452	B-2	92
	Pseudonidine B	191	$C_{29}H_{45}NO_8$	535	B-2	92
	Pseudonidine A	204	$C_{24}H_{35}NO_7$	449	B-2	92
	Pseudophnine C	208	$C_{27}H_{42}NO_7^+$	492	B-2	92
	Pseudophnine D	209	$C_{26}H_{40}NO_7^+$	478	B-2	92
	Pseudorenine A	210	$C_{39}H_{53}N_2O_{11}^+$	725	B-2	92
	Pseudorenine B	211	$C_{39}H_{53}N_2O_{11}^+$	725	B-2	92
<i>D. sharwurens</i>	Sharwuphnine A	176	$C_{23}H_{35}NO_8$	453	B-2	93
<i>D. tatsienense</i>	Tatsienenseine B	280	$C_{24}H_{31}NO_4$	397	C-3	126
	Tatsienenseine C	307	$C_{24}H_{31}NO_3$	381	C-3	126
	Tatsienenseine A	323	$C_{43}H_{45}NO_{13}$	783	C-5	126
<i>D. tianshanicum</i>	Tianshanine	170	$C_{24}H_{39}NO_6$	405	B-2	88
	Tianshanisine	178	$C_{23}H_{35}NO_5$	437	B-2	88
	Tianshanidine	202	$C_{24}H_{35}NO_7$	449	B-2	88
	Tianshanitine B	165	$C_{23}H_{37}NO_5$	407	B-2	87
	Tianshanitine C	166	$C_{25}H_{39}NO_6$	449	B-2	87
	Tianshanitine A	167	$C_{30}H_{41}NO_6$	511	B-2	87

	Tianshanitine D	189	$C_{23}H_{35}NO_5$	405	B-2	87
	Tianshanitine E	203	$C_{25}H_{37}NO_7$	463	B-2	87
<i>D. umbrosum</i>	Umbrosumine A	162	$C_{38}H_{53}N_3O_{11}$	727	B-2	86
	Umbrosumine B	163	$C_{38}H_{53}N_3O_{11}$	727	B-2	86
	Umbrosumine C	164	$C_{38}H_{52}N_2O_{12}$	728	B-2	86
<i>D. yunnanense</i>	Yunnanenseine A	241	$C_{37}H_{48}N_2O_9$	664	B-6	107
	Yunnanenseine B	287	$C_{28}H_{37}NO_7$	499	C-3	107
	Yunnanenseine C	288	$C_{26}H_{35}NO_6$	457	C-3	107
<i>D. trichophorum</i>	Trichodelphinine A	296	$C_{26}H_{35}NO_5$	441	C-3	131
	Trichodelphinine F	348	$C_{26}H_{35}NO_5$	447	C-16	131
	Trichodelphinine B	299	$C_{24}H_{33}NO_4$	399	C-3	131
	Trichodelphinine C	300	$C_{27}H_{37}NO_5$	455	C-3	131
	Trichodelphinine D	301	$C_{24}H_{31}NO_5$	413	C-3	131
	Trichodelphinine E	302	$C_{26}H_{33}NO_5$	439	C-3	131
<i>Isodon rubescens</i>	Kaurine A	343	$C_{20}H_{27}NO_5$	361	C-15	146
	Kaurine B	344	$C_{20}H_{27}NO_5$	361	C-14	146
Marine Sponge <i>Hymeniacion</i> sp.	Monamphilectine A	365	$C_{26}H_{39}N_3O_2$	425	M	157
<i>Nigella glandulifera</i>	Nigeglamine	369	$C_{40}H_{43}NO_8$	665	M	160
<i>Periconia</i> sp.	Pericolactine A	370	$C_{24}H_{35}NO_5$	417	M	161
	Pericolactine B	371	$C_{22}H_{33}NO_4$	375	M	161
	Pericolactine C	372	$C_{23}H_{35}NO_5$	405	M	161
<i>Spiraea japonica</i>	Spirimine A	252	$C_{20}H_{29}NO_2$	315	C-1	110
	Spirimine B	253	$C_{25}H_{35}NO_5$	429	C-1	110
	Spiramine C2	261	$C_{22}H_{31}NO_3$	357	C-1	110
<i>Spiraea japonica</i> var. <i>ovalifolia</i>	Spiramilactam A	259	$C_{22}H_{31}NO_4$	373	C-1	115
	Spiramilactam B	260	$C_{22}H_{33}NO_5$	391	C-1	115

