

Supplementary Material for:

**The genus *Nerine* Herb. (Amaryllidaceae):
Ethnobotany, phytochemistry and biological activity**

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	[M ⁺] and characteristic ions, m/z (% relative intensity)	Ref for MS data
Belladine-type		
Belladine (1)	315 (2), 194 (70), 152 (90), 151 (100), 135 (10), 121 (18), 107 (18)	[1]
4'-O-Demethylbelladine (2)	301 (1), 181 (70), 137 (100), 121 (10), 107 (15), 93 (15)	[2]
6-O-Demethylbelladine (3)	301 (1), 194 (68), 151 (100), 135 (12), 121 (15), 107 (17)	[2]
N-Demethylbelladine (4)	301 (2), 299 (3), 273 (1), 195 (6), 180 (20), 151 (100), 138 (4), 128 (2), 121 (9), 107 (6)	[1,3]
Crinine-type		
1-O-Acetylbulbisine (5)	EIMS not available in literature; HRESIMS (TFA salt): 362.1581 [M + H] ⁺	[4]
Acetylnerbowdine (6)	361 (75), 318 (30), 302 (60), 273 (20), 254 (50), 244 (25), 43 (100)	[1]
Ambelline (7)	331(100), 316(5), 299(30), 287(55), 270(25), 260(50), 257(35), 255(23),241(27)	[5]
11-O-Acetyl-1,2-epoxyambelline (8)	389 (60), 330 (75), 316 (100), 274 (30), 256 (55), 231 (40), 228 (12), 205 (25), 203 (27), 190 (18)	[1,6]
11-O-Acetylambelline (9)	373 (100), 358 (15), 342 (15), 330 (10), 314 (70), 313 (69), 298 (30), 282 (55),270 (25)	[1]
1,2-Epoxyambelline (10)	347 (33), 318 (100), 274 (25), 244 (24), 231 (27), 205 (47), 189 (14), 173 (11), 115 (18)	[6]
Bowdensine (11)	403 (82), 344 (80), 288 (75), 284 (50), 272 (40), 230 (40), 217 (42), 189 (28), 173 (50), 43 (100)	[1]
Buphanamine (12)	301 (100), 286 (12), 284 (14), 272 (14), 256 (18), 231 (25), 218 (18), 204 (18)	[1]
6 α -Hydroxybuphanidrine (13)	331 (54), 299 (22), 287 (49), 276 (100), 261 (36), 255 (37), 243 (20), 217 (34), 203 (20), 115 (38), 77 (36), 56 (75)	[3]
6 α -Methoxybuphanidrine (14)	345 (65), 330 (32), 315 (27), 314 (100), 290 (33), 287 (41), 259 (88), 227 (30), 129 (24), 97 (26), 81 (44), 69 (97)	[3]
Buphanidrine (15)	315 (100), 300 (26), 287 (30), 272 (10), 260 (45), 245 (60), 231 (30), 228 (22)	[1]
Buphanisine (16)	285 (100), 270 (23), 253 (25), 230 (28), 215 (80), 201 (22), 187 (20), 157 (18)	[1]
Crinamidine (17)	317 (75), 288 (100), 274 (5), 259 (22), 258 (25), 243 (28), 244 (30), 230 (25), 217 (40), 205 (40)	[1]
Crinamine (18)	301 (1), 269 (100), 240 (35), 225 (20), 224 (25), 211 (17), 181 (58)	[1]
Crinine (19)	271 (100), 254 (8), 242 (8), 228 (25), 216 (14), 199 (48), 187 (43)	[1]
Crinsamine (20)	EIMS not available in literature; HRESIMS: 376.1766 [M + H] ⁺	[7]
Deacetylbowdesine (21)	EIMS not available in literature	
Filifoline (22)	436(1), 296 (1), 185 (2), 165 (3), 145 (2), 122 (3), 110 (3), 106 (45), 99 (7), 91 (26), 79 (100), 69 (25), 55 (63)	[3]
Flexinine (23)	287(55), 258(100), 229(15), 228(20), 215(30), 215(25), 187(45), 186(15), 175(55), 173(30),143(70), 115(85)	[6,8]
Nerbowdine (24)	EIMS not available in literature	
Powelline (25)	301 (100), 284 (8), 272 (7), 258 (20), 246 (12), 244 (12), 229 (80), 217 (40)	[1]
Undulatine (26)	331 (100), 316 (6), 302 (9), 300 (6), 286 (20), 272 (5), 260 (18), 258 (40)	[1]
6-Hydroxyundulatine (27)	347 (47), 318 (3), 276 (44), 274 (22), 256 (39), 246 (21), 231 (27), 219 (96), 204 (38), 189 (18), 115 (27), 56 (100)	[6]
Galanthamine-type		
Galanthamine (28)	287(90), 286(100), 270(20), 244(30), 230(5), 216(45)	[5]
Haemanthamine-type		
Haemanthamine (29)	301(15), 272(100), 240(15), 225(5), 211(15)	[5]
Hammayne (30)	287 (5), 259 (18), 258 (100), 214 (10), 186 (14), 181 (14), 115 (13)	[9,10]
Homolycorine-type		
Krigeine (31)	EIMS not available in literature	
6-O-Methylkrigeine (32)	EIMS not available in literature; HRESIMS: 362.1599 [M + H] ⁺	[11]
Krigenamine (33)	EIMS not available in literature	
Oxokrigenamine (34)	EIMS not available in literature	
Masonine (35)	299 (1), 190 (2), 162 (4), 134 (1), 109 (100), 108 (23), 94 (4), 82 (2)	[5]
N-Demethylmasonine (36)	285(<1), 162(2), 134(1), 115(1), 95 (100)	[5]
Nerinine (37)	347 (-), 330 (7), 329 (3), 236 (1), 221 (9), 191 (2), 109 (100), 94 (2)	[10,12]
O-Methyloduline (38)	315 (<1), 284 (2), 250 (1), 175 (10), 109 (100)	[5]
Lycorine-type		
Caranine (39)	271 (86), 270 (46), 252 (52), 250 (10), 240 (12), 227 (48), 226 (100), 212 (5)	[1]
Acetylcaranine (40)	313 (80), 270 (5), 253 (20), 252 (95), 250 (15), 240 (10), 225 (40), 226 (100)	[1]
Falcatine (41)	EIMS not available in literature	
Acetylfalcatine (42)	343 (75), 300 (5), 283 (25), 282 (80), 266 (30), 257 (77), 256 (100), 241 (12)	[1]
Hippadine (43)	263 (100), 205 (6), 177 (24), 150 (12)	[13]
Lycorine (44)	287(35), 286(30), 268(20), 250(15), 227(70), 226(100)	[5,11]
1-O-Acetyllycorine (45)	329 (52), 268 (37), 250 (24), 240 (9), 226 (100), 192 (3)	[14,15]
Parkamine (46)	331 (76), 312 (60), 287 (70), 286 (100), 282 (17), 256 (17), 44 (54)	[5]
Acetylparkamine (47)	373 (80), 313 (18), 312 (60), 287 (77), 286 (100), 282 (20), 256 (10)	[5]
Ungeremine (48)	EIMS not available in literature; HRAPCI: 266.0817 [M + H] ⁺	[16]
Montanine-type		
Montanine (49)	301(100), 270(75), 257(30), 252(20), 223(15)	[8]
Mesembrine-type		
Sarniensine (50)	EIMS not available in literature; HRESIMS: 332.1871 [M + H] ⁺	[17]
Sarniensinol (51)	EIMS not available in literature; HRESIMS: 318.1712 [M + H] ⁺	[7]
Tazettine-type		
3-Epimacronine (52)	329 (30), 314 (25), 245 (100), 225 (15), 201 (80), 139 (10)	[8,10]
Tazettine (53)	331(21), 298(20), 247(100), 201(20), 115(23), 70(34)	[11]

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