

Supplementary Material

Table S1. Compounds identified in the genus *Miconia* Ruiz & Pav. and their respective biological activities.

Compounds	Structure	PubChem	Species	Plant Organ	Biological Activity	References
Alkaloids						
Glycine betaine	1	CID 21872856	<i>M. fallax</i> <i>M. rufescens</i> <i>M. stenostachya</i>	Aerial parts	-	[60]
Isomer of 5- carboxylyaloside	2	-	<i>M. latecrenata</i>	Leaves	Antiplasmodial	[16]
Isomer of 5- carboxystrictosidin	3	-	<i>M. latecrenata</i>	Leaves	Antiplasmodial	[16]
Isomer of cinnamoyl-4"-hydroxy-3"-methoxy-lyaloside	4	-	<i>M. latecrenata</i>	Leaves	Antiplasmodial	[16]
Isomer of lyaloside	5	CID 11092621	<i>M. latecrenata</i>	Leaves	Antiplasmodial	[16]
Lyalosidic acid	6	CID 10391678	<i>M. latecrenata</i>	Leaves	Antiplasmodial	[16]
Strictosidine	7	CID 161336	<i>M. latecrenata</i>	Leaves	Antiplasmodial	[16]
Strictosidinic acid	8	CID 21586927	<i>M. latecrenata</i>	Leaves	Antiplasmodial	[16]
<i>Trans</i> -4- hydroxy-methyl- <i>D</i> -proline	9	CID 12313446	<i>M. dispar</i> <i>M. fallax</i> <i>M. rufescens</i> <i>M. stenostachya</i>	Aerial parts	-	[60]
Flavonoids						
(-)-epicatechin	10	CID 72276	<i>M. rubiginosa</i>	Leaves	-	[61]
5,6,7-trihydroxy- 4'-methoxyflavone	11	-	<i>M. ferruginata</i>	Leaves	Insecticide	[26]
5,7,4'-trihydroxy-6,8-dimethoxyflavone	12	-	<i>M. ferruginata</i>	Leaves	Insecticide	[26]
5-hydroxy-4',7-dimethoxyflavone-(6→6'') -5"-hydroxy-3''',4''',7'''-trimethoxyflavone	13	-	<i>M. cabucu</i>	Aerial parts	-	[62]
5-Hydroxy-4',7-dimethoxy-8-methylflavone	14	CID 91213897	<i>M. ferruginata</i>	Leaves	Insecticide	[26]
Matteucinol 7-O-β-d-apiofuranosyl-(1→6)-β-d-glucopyranosyl	15	CID 42607943	<i>M. prasina</i>	Stem	-	[63]
Apigenin-7-O-glucoside	16	CID 44257792	<i>M. alypifolia</i>	Leaves	Antioxidant	[49]
Astragalin	17	CID 5282102	<i>M. albicans</i>	Fruits	Antioxidant and anti-inflammatory	[13]
Cyanidin-3- O-rutinoside	18	CID 441674	<i>M. albicans</i>	Fruits	Antioxidant and anti-inflammatory	[13]
Demethoxymatteucinol	19	CID 180550	<i>M. prasina</i>	Stem	-	[63]
Farrerol	20	CID 91144	<i>M. prasina</i>	Stem	-	[63]
Farrerol 7-O-β-D-apiofuranosyl(1→6)-β-D-glucopyranoside	21	-	<i>M. trailii</i>	Aerial parts	-	[64]
Favanone glycoside 7-O-β-D-apiofuranosyl-(1→6)-β-D-glucopyranosyldemethoxymatteucinol (miconioside C)	22	-	<i>M. prasina</i>	Stem	-	[63]
Hyperoside	23	CID 5281643	<i>M. chamissois</i>	Leaves	Antimicrobial, cytotoxic and Antioxidant	[6]
Isoquercitrin	24	CID 5280804	<i>M. albicans</i>	Leaves	Anti-inflammatory	[32]
Isorhamnetin	25	CID 5281654	<i>M. latecrenata</i>	Leaves	Antibacterial	[22]
Isovitexin	26	CID 162350	<i>M. chamissois</i>	Leaves	Antimicrobial, cytotoxic and Antioxidant	[6]
Kaempferol 3-O-α-L-arabinopyranoside	27	CID: 5481882	<i>M. albicans</i>	Leaves	Antidiabetic	[65]

Kaempferol	28	CID 5280863	<i>M. albicans</i>	Fruits	Antioxidant and anti-inflammatory	[13]
			<i>M. burchellii.</i>	Leaves	Cytotoxic	[55]
Kaempferol-3-O-diglucoside	29	CID 21722032	<i>M. alypifolia</i>	Leaves	Antioxidant	[49]
Kaempferol-3-O-D-galactoside	30	CID 5488283	<i>M. alypifolia</i>	Leaves	Antioxidant	[49]
kaempferol-3-O-β -glucopyranoside	31	-	<i>M. burchellii.</i>	Leaves	Cytotoxic	[55]
Kaempferol-3-O-β-D-(6"-coumaroyl)-glucopyranoside	32	-	<i>M. cabucu</i>	Aerial parts	-	[62]
			<i>M. rubiginosa</i>		-	[61]
Kaempferol-3-O-β-galactopyranoside	33	-	<i>M. burchellii.</i>	Leaves	Cytotoxic	[55]
Kaempferol-O-pentoside	34	CID 14749097	<i>M. albicans</i>	Leaves	Anti-inflammatory	[32]
Leucoanthocyanidin	35	CID 124037363	<i>M. albicans</i>	Leaves	Anti-inflammatory	[12]
Matteucinol 7-O-α-L-arabinopyranosyl(1→6)-β-D-glucopyranoside – (Miconioside A)	36	CID 11050315	<i>M. trailii</i>	Aerial parts	-	[64]
Matteucinol 7-O-β-apiofuranosyl (1 → 6)-β-glucopyranoside	37	CID 42607943	<i>M. albicans</i> <i>M. chamissois</i> <i>M. trailli</i>	Aerial parts	-	[64,66]
		CID 160490	<i>M. trailii</i>	Aerial parts	-	[64]
Matteucinol	38		<i>M. prasina</i>	Stem		[63]
			<i>M. chamissois</i>	Leaves	Angiogenic	[54]
Mattucinol-7-O-[4' ',6' '-di-O-galloyl]-β-D-glucopyranoside	39	CID 42607945	<i>M. myriantha</i>	Aerial parts	-	[67]
Mattucinol-7-O-[4' ',6' '-O-(S)-hexahydroxydiphenoyl]-β-D-glucopyranoside	40	-	<i>M. myriantha</i>	Aerial parts	-	[67]
Mattucinol-7-O-β-D-glucopyranoside	41	-	<i>M. myriantha</i>	Aerial parts	-	[67]
Mearnsetin 3-O-α-L-rhamnopyranoside	42	-	<i>M. albicans</i>	Leaves	Antidiabetic	[65]
Miconioside B	43	CID 42607900	<i>M. albicans</i> <i>M. chamissois</i> <i>M. prasina</i>	Leaves Stem	-	[66] [63]
Myricetin 3-galactoside	44	CID 5491408	<i>M. albicans</i>	Fruits	Antioxidant and anti-inflammatory	[13]
Myricetin-3-O- α-L-rhamnopyranoside	45	-	<i>M. cabucu</i> <i>M. albicans</i>	Aerial parts Leaves	- Antidiabetic	[62] [65]
Myricetin-O-hexoside	46	CID 12311099	<i>M. albicans</i>	Leaves	Anti-inflammatory	[32]
Quercetin 3-O-(2"-galloyl)-α-L-rhamnopyranoside	47	CID 44259259	<i>M. albicans</i>	Leaves	Antidiabetic	[65]
Quercetin glycocoumarate	48	-	<i>M. albicans</i>	Fruits	Antioxidant and anti-inflammatory	[13]
Quercetin glycogallate	49	-	<i>M. albicans</i>	Fruits	Antioxidant and anti-inflammatory	[13]
			<i>M. chamissois</i>		-	[66]
				Leaves	Antioxidant	[51]
Quercetin	50	CID 5280343	<i>M. albicans</i>		Anti-inflammatory	[12] [32]
				Fruits	Antioxidant and anti-inflammatory	[13]
			<i>M. latecrenata</i>	Leaves	Antibacterial Antimutagênica	[16] [16]
Quercetin-3-O- α -L-rhamnopyranoside	51	-	<i>M. cabucu</i>	Aerial parts	-	[62]

Quercetin-3-O- β -D-glucopyranoside	52	-	<i>M. cabucu</i>	Aerial parts	-	[62]
Quercetin-3-O-arabinoside	53	CID 12309865	<i>M. albicans</i>	Fruits	Antioxidant and anti-inflammatory	[13]
Quercetin-3-O-galactoside	54	-	<i>M. alypifolia</i>	Leaves	Antioxidant	[49]
			<i>M. albicans</i>	Fruits	Antioxidant and anti-inflammatory	[13]
Quercetin-3-O-glucoside	55	CID 25203368	<i>M. albicans</i>	Leaves	Antioxidant	[51]
Quercetin-3-O-rhamnoside	56	CID 5353915	<i>M. latecrenata</i>	Leaves	Antibacterial	[47]
Quercetin-3-O- α -D-arabinopyranoside	57	CID 44259270	<i>M. rubiginosa</i>	Leaves	-	[61]
Quercetin-3-O- α -L-rhamnopyranoside	58	CID 6325794	<i>M. rubiginosa</i>	Leaves	-	[61]
Quercetin-3-O- α -rhamnopyranosil-(1 \rightarrow 4)-O- β -galactopyranoside	59	-	<i>M. rubiginosa</i>	Leaves	-	[61]
Quercetin-3-O- β -D-arabinofuranoside	60	CID 12047348	<i>M. rubiginosa</i>	Leaves	-	[61]
Quercetin-3-O- β -galactopyranoside	61	-	<i>M. rubiginosa</i>	Leaves	-	[61]
Quercetin-7-O-glucoside	62	CID 5381351	<i>M. albicans</i>	Fruits	Antioxidant and anti-inflammatory	[13]
Quercetin-O-galloyl-hexoside	63	-	<i>M. albicans</i>	Leaves	Anti-inflammatory	[32]
Quercetin-O-galloyl-pentoside	64	-	<i>M. albicans</i>	Leaves	Anti-inflammatory	[32]
Quercetin-O-pentoside	65	-	<i>M. albicans</i>	Leaves	Anti-inflammatory	[32]
Quercitrin	66	CID 5280459	<i>M. latecrenata</i>	Leaves	Antiplasmodial	[16]
			<i>M. albicans</i>	Fruits	Antioxidant and anti-inflammatory	[13]
					-	[66]
Rutin	67	CID 5280805	<i>M. chamissois</i>		Antioxidant	[51]
				Leaves	anti-inflammatory	[12]
			<i>M. albicans</i>			[32]
				Fruits	Antioxidant and anti-inflammatory	[13]
			<i>M. chamissois</i>	Leaves	Antimicrobial, cytotoxic and Antioxidant	[6]
Vitexin	68	CID 5280441	<i>M. chamissois</i>	Leaves	Antimicrobial, cytotoxic and Antioxidant	[6]
Phenolics						
1,2,3,5-tetra-galloyl 1-4,6-HHDPglucose	69	-	<i>M. latecrenata</i>	Leaves	Antioxidant, antibacterial and antimutagenic	[16]
1-galloyl-2,3; 4,6-bis-HHDPglucose isomer	70	-	<i>M. latecrenata</i>	Leaves	Antiplasmodial	[16]
					Antibacterial	[47]
1-O-(E)-caffeoyl-4,6-di-O-galloyl- β -D-glucopyranose	71	-	<i>M. albicans</i>	Leaves	Antioxidant	[16]
					Antimutagenic	[16]
2-Cinnamoyl-1-galloyl-1- β -Dglucopyranose	72	CID 131752569	<i>M. albicans</i>	Fruits	Antioxidant and anti-inflammatory	[13]
2,3; 4,6-bis-HHDP-glucose isomer	73	-	<i>M. latecrenata</i>	Leaves	Antibacterial	[47]
					Antioxidant and antimutagenic	[16]

					Antiplasmodial	[16]
3,3'-di-O-methyl ellagic acid-4-O- β -D-xylopyranoside	74	-	<i>M. myriantha</i>	Aerial parts	-	[67]
3,3',4-Tri-O-methylellagic acid	75	-	<i>M. albicans</i>	Fruits	Antioxidant and anti-inflammatory	[13]
3,3'-di-O-methyl elagic acid	76	CID 5488919	<i>M. albicans</i>	Fruits	Antioxidant and anti-inflammatory	[13]
3,4-Dihydroxybenzoic acid	77	CID 72	<i>M. albicans</i>	Fruits	Antioxidant and anti-inflammatory	[13]
4-Hydroxybenzoate-O-glucoside	78	-	<i>M. albicans</i>	Fruits	Antioxidant and anti-inflammatory	[13]
4-Hydroxybenzoic acid	79	CID 135	<i>M. albicans</i>	Fruits	Antioxidant and anti-inflammatory	[13]
Caffeic acid	80	CID 689043	<i>M. chamissois</i>	Leaves	Antimicrobial, cytotoxic and Antioxidant	[6]
Casuarictin	81	CID 73644	<i>M. rubiginosa</i>	Leaves	-	[61]
Casuarinin isomer	82	CID 442673	<i>M. minutiflora</i>	Leaves	Anti-inflammatory and antinociceptive	[14]
Cinnamic acid	83	CID 444539	<i>M. albicans</i>	Fruits	Antioxidant and anti-inflammatory	[13]
Ellagic acid pentoside	84	-	<i>M. latecrenata</i>	Leaves	Antioxidant Antibacterial and antimutagenic	[16]
Ellagic acid rhamnoside	85	-	<i>M. latecrenata</i>	Leaves	Antioxidant, antibacterial and antimutagenic	[16]
			<i>M. myriantha</i>	Aerial parts	-	[67]
Ellagic acid	86	CID 5281855	<i>M. minutiflora</i>	Leaves	Anti-inflammatory and antinociceptive	[14]
			<i>M. latecrenata</i>		Antibacterial	[47]
Ethyl gallate	87	CID 553710	<i>M. albicans</i>	Leaves	Anti-inflammatory	[32]
			<i>M. rubiginosa</i>	Leaves	-	[61]
Gallic acid	88	CID 370	<i>M. albicans</i>	Fruits	Antioxidant and anti-inflammatory	[13]
			<i>M. myriantha</i>	Aerial parts	-	[67]
			<i>M. cabucu</i>	Aerial parts	-	[62]
HHDP galloylglucose	89	-	<i>M. minutiflora</i>	Leaves	Anti-inflammatory and antinociceptive	[14]
HHDP-Hexoside	90	-	<i>M. albicans</i>	Leaves	Anti-inflammatory	[32]
Malic acid	91	CID 525	<i>M. albicans</i>	Fruits	Antioxidant and anti-inflammatory	[13]
Methyl gallate	92	CID 7428	<i>M. albicans</i>	Fruits	Antioxidant and anti-inflammatory	[13]
Miconidin	93	CID 169581	<i>M. willdenowii</i>	Leaves	Leishmanicidal and antimicrobial	[18]
<i>p</i> -Coumaric acid	94	CID 637542	<i>M. albicans</i>	Fruits	Antioxidant and anti-inflammatory	[13]
Pedunculagin	95	CID 442688	<i>M. albicans</i>	Leaves	Anti-inflammatory	[32]
Pyrocatechol	96	CID 66993	<i>M. albicans</i>	Fruits	Antioxidant and anti-inflammatory	[13]

Quinic acid	97	CID 6508	<i>M. albicans</i>	Fruits	Antioxidant and anti-inflammatory	[13]
Salicylic acid	98	CID 338	<i>M. albicans</i>	Fruits	Antioxidant and anti-inflammatory	[13]
Schizandriside	99	CID 14521043	<i>M. rubiginosa</i>	Leaves	-	[61]
Tris-galloyl-HHDP-glucose isomer	100	-	<i>M. latecrenata</i>	Leaves	Antioxidant, antibacterial and antimutagenic	[16]
					Antiplasmodial	[16]
β -Glucogallin	101	CID 124021	<i>M. albicans</i>	Fruits	Antioxidant and anti-inflammatory	[13]
Terpenoids						
(+)-Trans-carveol	102	CID 94221	<i>M. albicans</i>	Fruits	Antioxidant and anti-inflammatory	[13]
1-Octen-3-ol	103	CID 18827	<i>M. ferruginata</i>	Aerial parts	-	[68]
Eugenol	104	CID 3314	<i>M. ferruginata</i>	Aerial parts	-	[68]
Germacrene D	105	CID 5317570	<i>M. ferruginata</i>	Aerial parts	-	[68]
L-Borneol	106	CID 1201518	<i>M. ferruginata</i>	Aerial parts	-	[68]
α -Copaene	107	CID 70678558	<i>M. ferruginata</i>	Aerial parts	-	[68]
α -Humulene	108	CID 24798693	<i>M. ferruginata</i>	Aerial parts	-	[68]
β -Caryophyllene	109	CID 5281515	<i>M. ferruginata</i>	Aerial parts	-	[68]
β -Cubebene	110	CID 93081	<i>M. ferruginata</i>	Aerial parts	-	[68]
β -Elemene	111	CID 6918391	<i>M. ferruginata</i>	Aerial parts	-	[68]
Triterpenes and steroids						
28-carboxy-3-oxoolean-12-en-21a-yl acetate	112	-	<i>M. macrothyrsa</i>	Leaves	-	[69]
2 α -hydroxyursolic acid	113	-	<i>M. ligustroides</i>	Aerial parts	Antiparasitic	[34]
			<i>M. sellowiana</i>		Antibacterial	[41]
			<i>M. sellowiana</i>			
2 α ,3 α ,19 α , 23-tetrahydroxyurs-12-ene-28-oic acid (myrianthic acid)	114	CID 182497	<i>M. trailii</i>	Aerial parts	-	[64]
2 α ,3 β ,19 α -trihydroxyolean-12-ene-24,28-dioic acid (bartogenic acid)	115	CID 45272347	<i>M. trailii</i>	Aerial parts	-	[64]
3-(<i>E</i>)- <i>p</i> -coumaroyl- α -amyrin	116	-	<i>M. albicans</i>	Leaves	Antioxidant	[51]
3- <i>epi</i> -sumaresinolic acid	117	-	<i>M. albicans</i>	Leaves	Antidiabetic	[65]
3- <i>O</i> - <i>cis</i> - <i>p</i> -coumaroyl maslinic acid	118	-	<i>M. albicans</i>	Leaves	Antidiabetic	[65]
3- <i>O</i> - <i>trans</i> - <i>p</i> -coumaroyl 2 α -hydroxydulcioic acid	119	-	<i>M. albicans</i>	Leaves	Antidiabetic	[65]
3- <i>O</i> - <i>trans</i> - <i>p</i> -coumaroyl maslinic acid	120	CID 16664517	<i>M. albicans</i>	Leaves	Antidiabetic	[65]
			<i>M. trailii</i>	Aerial parts	-	[64]
			<i>M. ligustroides</i>	Aerial parts	Antiparasitic	[33]
			<i>M. sellowiana</i>			
			<i>M. minutiflora</i>	Leaves	Anti-inflammatory and antinociceptive	[14]
Arjunolic acid	121	CID 73641	<i>M. albicans</i>	Fruits	Antioxidant and anti-inflammatory	[13]

Asiatic acid	122	CID 119034	<i>M. albicans</i>	Fruits	Antioxidant and anti-inflammatory	[13]
Campesterol	123	CID 173183	<i>M. sellowiana</i> <i>M. albicans</i> <i>M. pepericarpa</i>	Aerial parts	-	[34]
epi-Betulinic acid	124	CID 485711	<i>M. albicans</i>	Leaves	Antioxidant	[51]
epi-ursolic acid	125	-	<i>M. albicans</i>	Leaves	Antioxidant	[51]
Friedelin	126	CID 91472	<i>M. pepericarpa</i>	Aerial parts	-	[34]
Gypsogenic acid	127	CID 15560324	<i>M. fallax</i> <i>M. stenostachya</i>	Aerial parts	Trypanocide	[33]
			<i>M. stenostachya</i>		Antibacterial	[41]
Lupeol	128	CID 259846	<i>M. rubiginosa</i> <i>M. fallax</i> <i>M. sellowiana</i> <i>M. albicans</i> <i>M. pepericarpa</i>	Aerial parts	-	[34]
			<i>M. burchellii</i>			
				Leaves	Cytotoxic	[55]
Maslinic acid	129	CID 73659	<i>M. ligustroides</i> <i>M. sellowiana</i> <i>M. stenostachya</i>	Aerial parts	Antiparasitic	[34]
					Antibacterial	[41]
				Leaves	Antidiabetic	[65]
			<i>M. albicans</i>	Fruits	Antioxidant and anti-inflammatory	[13]
Myrianthnic acid isomer	130	CID 182497	<i>M. minutiflora</i>	Leaves	Anti-inflammatory and antinociceptive	[14]
			<i>M. albicans</i>	Fruits	Antioxidant and anti-inflammatory	[13]
Oleanolic acid	131	CID 10494	<i>M. fallax</i> <i>M. stenostachya</i> <i>M. ligustroides</i> <i>M. sellowiana</i> <i>M. langsdorffii</i> <i>M. fallax</i>	Aerial parts	Trypanocide	[33]
					Antiparasitic	[34]
					Antileishmanial	[28]
					Antibacterial and antitumor	[41,57]
					Analgesic and anti-inflammatory	[15]
			<i>M. albicans</i>		Antidiabetic	[65]
			<i>M. rubiginosa</i>		-	[19]
			<i>M. albicans</i>	Fruits	Antioxidant and anti-inflammatory	[13]
			<i>M. ligustroides</i>		Antibacterial	[44]
			<i>M. ferruginata</i> <i>M. chamissois</i> <i>M. burchellii</i>	Leaves	Insecticide	[26] [66] [55]
Stigmast-4-ene-3,6-dione	132	CID 5490007	<i>M. trailii</i>	Aerial parts	-	[64]
Stigmasterol	133	CID 5280794	<i>M. fallax</i> <i>M. sellowiana</i> <i>M. ligustroides</i> <i>M. albicans</i> <i>M. pepericarpa</i> <i>M. ferruginata</i>	Aerial parts	-	[34]
Sumaresinolic acid	134	CID 4660579	<i>M. fallax</i> <i>M. stenostachya</i>	Aerial parts	Antibacterial	[41]

			<i>M. albicans</i>	Leaves	Antidiabetic	[65]
			<i>M. ligustroides</i> <i>M. sellowiana</i>		Antiparasitic	[34]
			<i>M. fallax</i> <i>M. stenostachya</i>		Trypanocide	[33]
			<i>M. fallax</i> <i>M. albicans</i>	Aerial parts	Antibacterial Antitumor	[41] [57]
Ursolic acid	135	CID 13073356			Analgesic and anti-inflammatory	[15]
			<i>M. langsdorffii</i>		Antidiabetic	[65]
			<i>M. rubiginosa</i>		Antileishmanial	[28] [19]
			<i>M. ligustroides</i>		Antioxidant	[51]
			<i>M. ferruginata</i> <i>M. chamissois</i>	Leaves	Antibacterial	[44] Insecticide
			<i>M. burchellii.</i>			[26] [66]
					Cytotoxic	[55]
α -Amyrin acetate	136	CID 293754	<i>M. pepericarpa</i>	Aerial parts	-	[34]
			<i>M. rubiginosa</i> <i>M. fallax</i> <i>M. sellowiana</i> <i>M. ligustroides</i> <i>M. pepericarpa</i>	Aerial parts	-	[34]
α -Amyrin	137	CID 73170	<i>M. albicans</i>	Leaves	Antioxidant	[51]
β -Amyrin acetate	138	CID 92156	<i>M. pepericarpa</i>	Aerial parts	-	[34]
			<i>M. rubiginosa</i> <i>M. fallax</i> <i>M. sellowiana</i> <i>M. ligustroides</i> <i>M. albicans</i> <i>M. pepericarpa</i>	Aerial parts	-	[34]
β -Amyrin	139	CID 73145	<i>M. rubiginosa</i> <i>M. fallax</i> <i>M. sellowiana</i> <i>M. ligustroides</i> <i>M. albicans</i> <i>M. pepericarpa</i>	Aerial parts	-	[34]
			<i>M. rubiginosa</i> <i>M. fallax</i> <i>M. sellowiana</i> <i>M. ligustroides</i> <i>M. albicans</i> <i>M. pepericarpa</i>	Aerial parts	-	[34]
β -Sitosterol	140	CID 222284	<i>M. ferruginata</i> <i>M. burchellii.</i>	Leaves Leaves	Insecticide Cytotoxic	[26] [55]
Others compounds						
2-methoxy-6-heptyl-1,4-benzoquinone	141	-	<i>M. lepidota</i>	Leaves	Antimicrobial and cytotoxic	[38]
8-Heptadecene	142	CID 5364555	<i>M. ferruginata</i>	Aerial parts	-	[68]
8-Hexadecyne	143	CID 123387	<i>M. ferruginata</i>	Aerial parts	-	[68]
9,10-Dihydroxy-8-oxooctadec-12-enoic acid	144	CID 71342303	<i>M. albicans</i>	Fruits	Antioxidant and anti-inflammatory	[13]
Ethyl ester	145	CID 5282208	<i>M. burchellii.</i>	Leaves	Cytotoxic	[55]
Hexadecane	146	CID 11006	<i>M. ferruginata</i>	Aerial parts	-	[68]
Pentadecane	147	CID 12391	<i>M. ferruginata</i>	Aerial parts	-	[68]

Primin	148	CID 84800		Leaves	Schistosomicidal	[17]
			<i>M. willdenowii</i>		Leishmanicidal and antimicrobial	[18]
			<i>M. lepidota</i>		Antimicrobial and cytotoxic	[38]

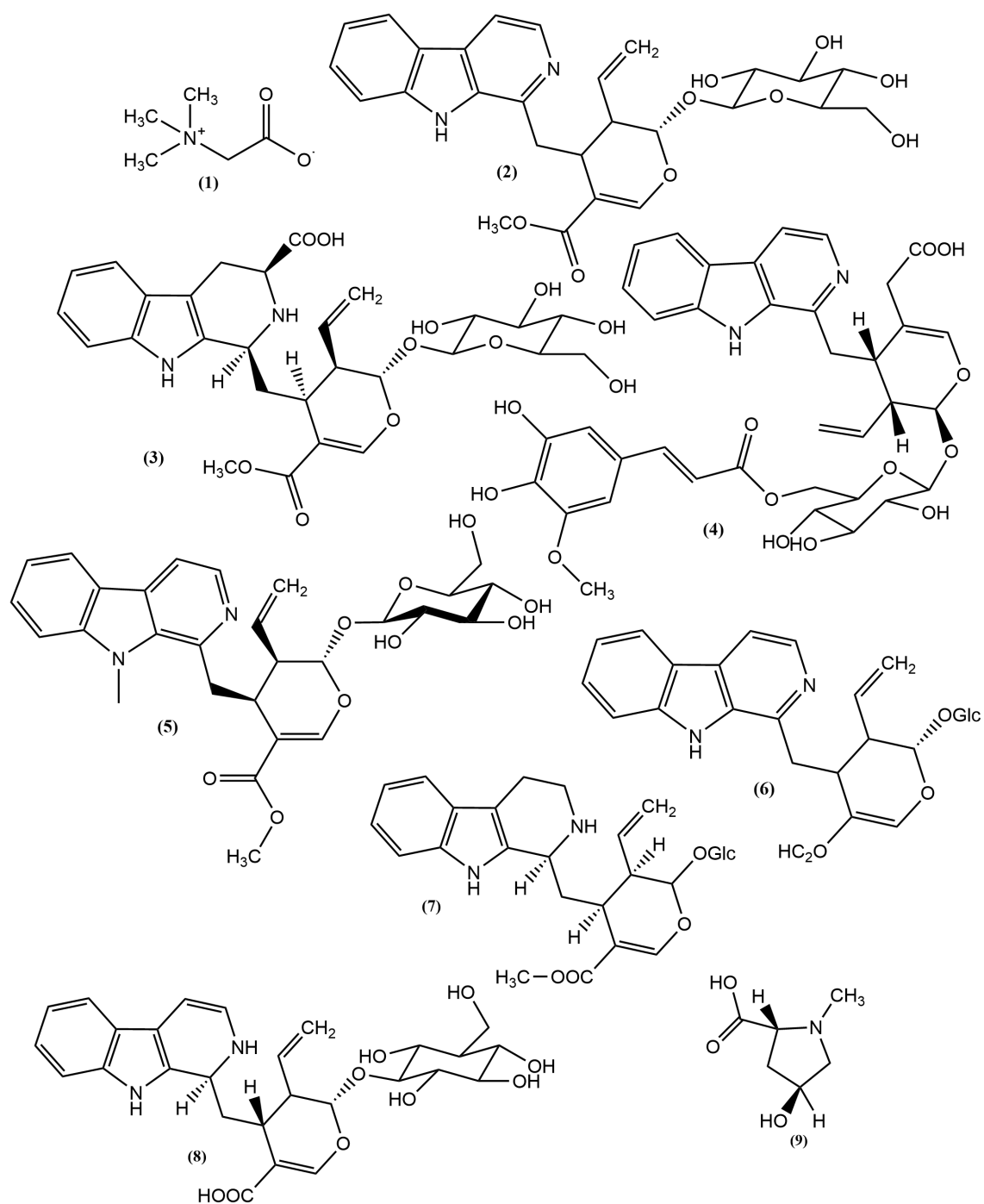
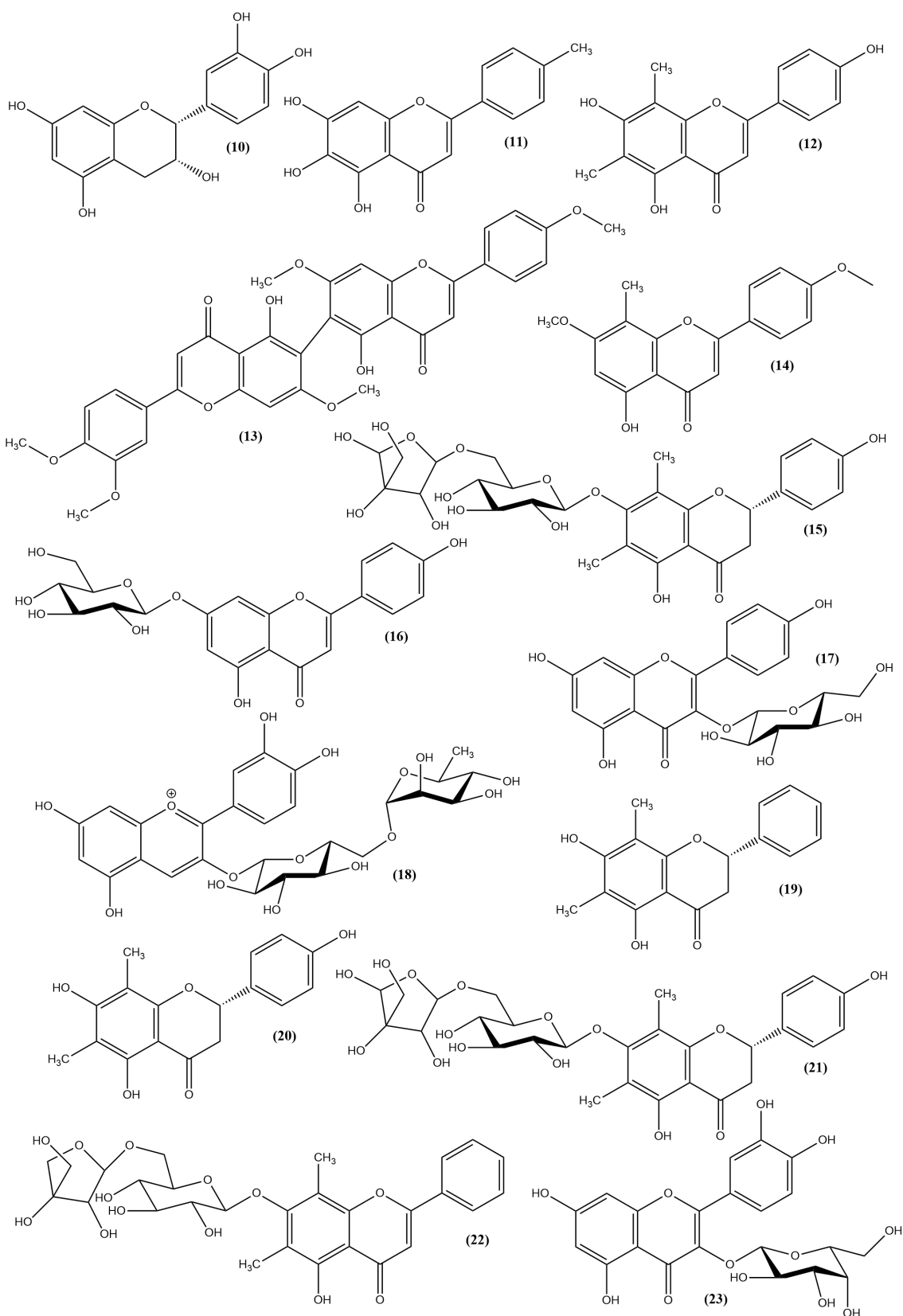
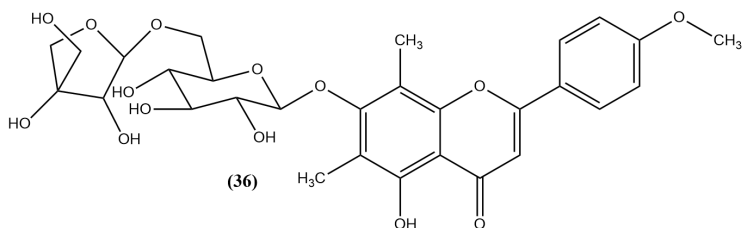
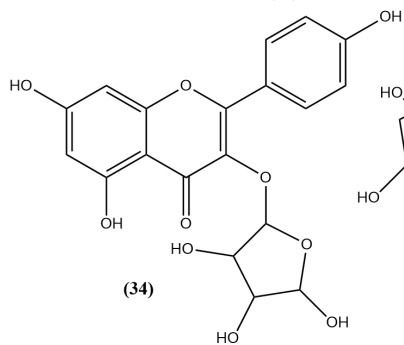
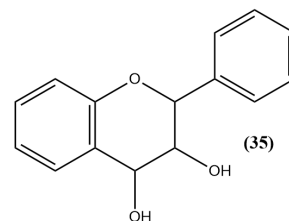
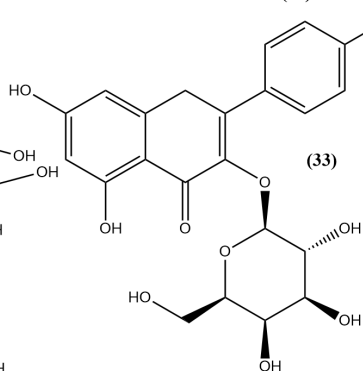
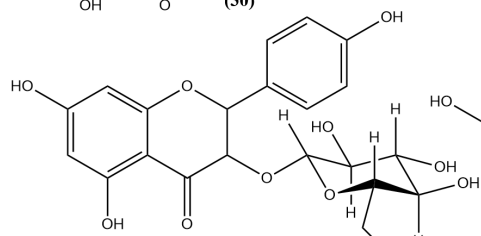
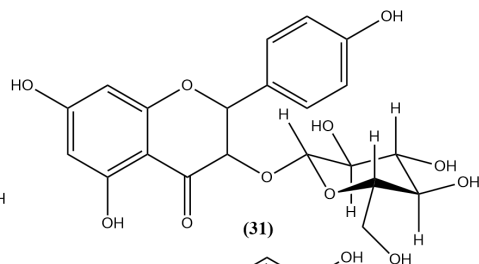
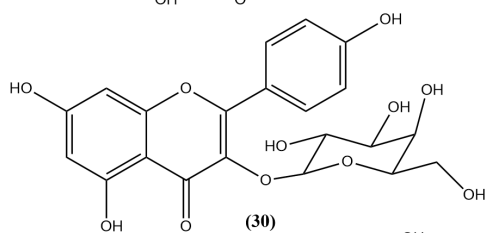
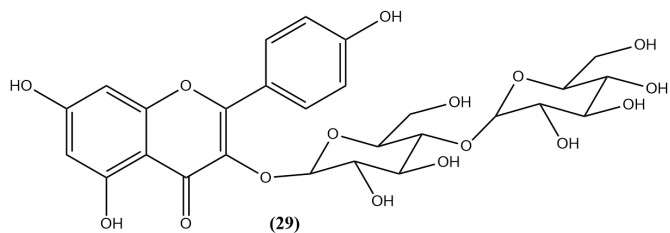
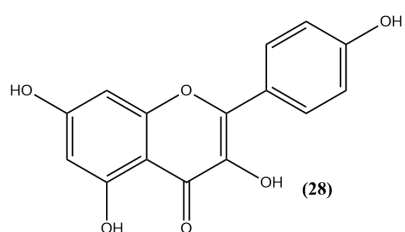
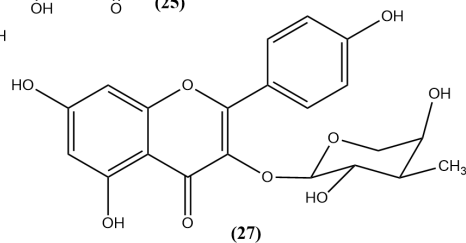
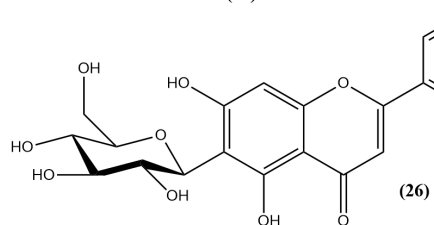
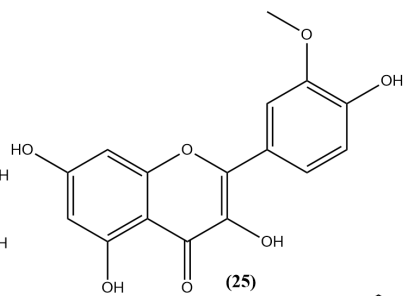
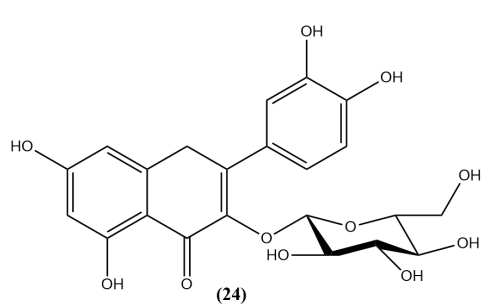
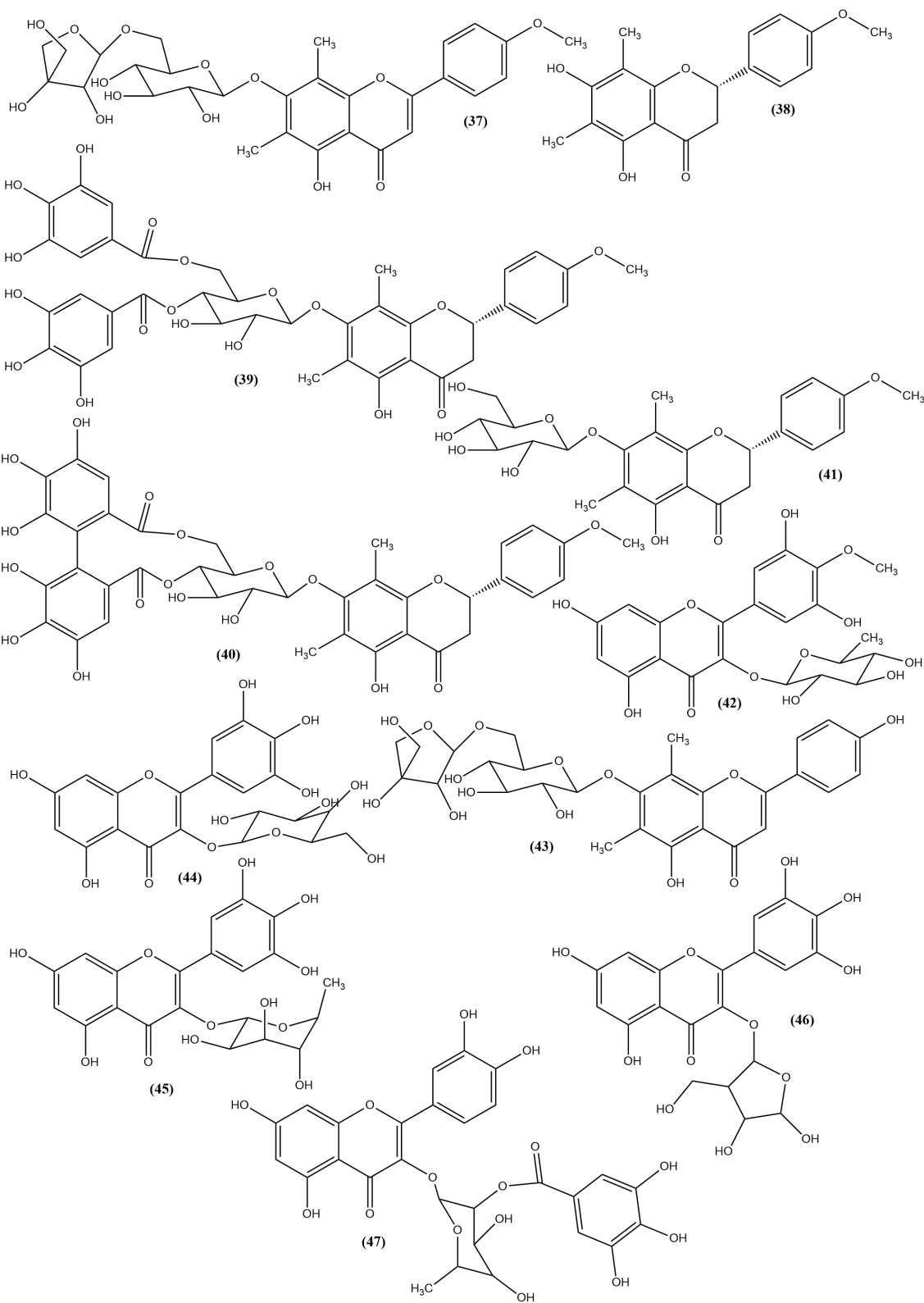
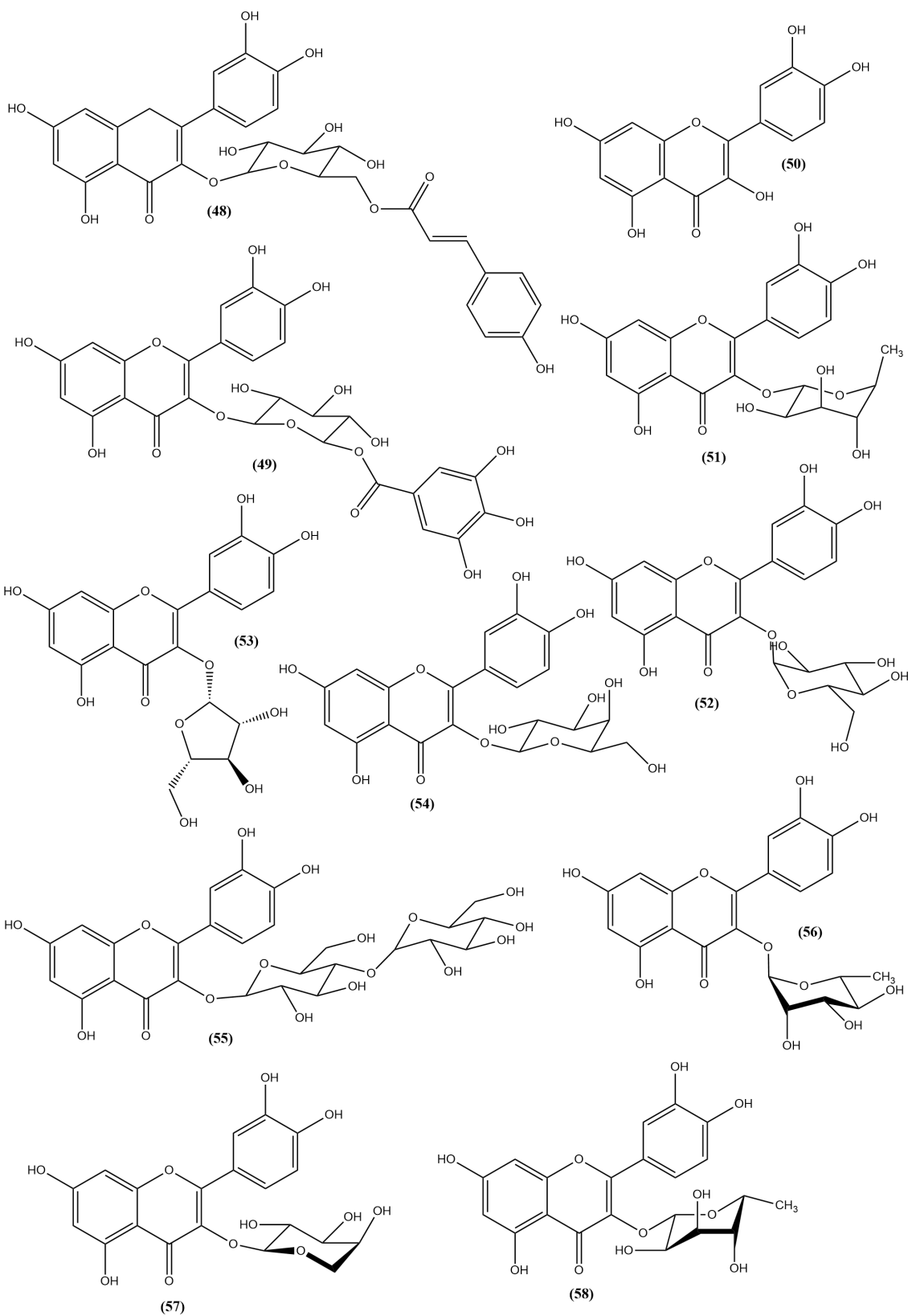


Figure S1. Alkaloids identified in the species of the genus *Miconia* (Compounds 1-9).









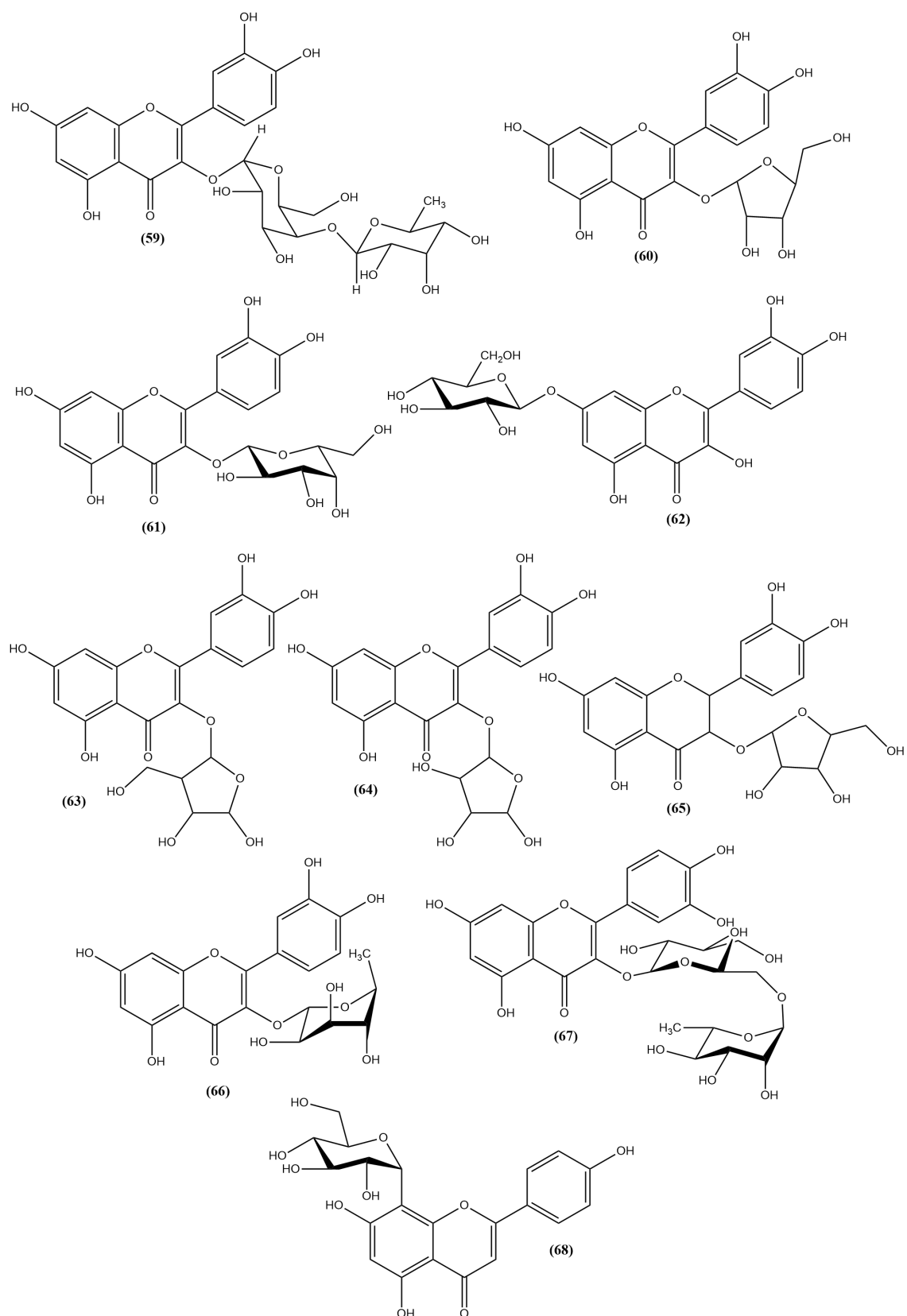
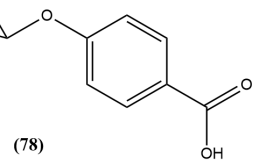
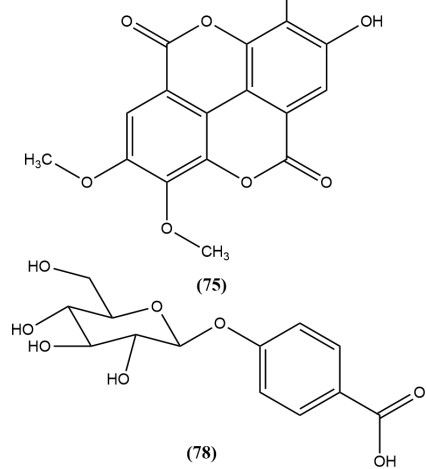
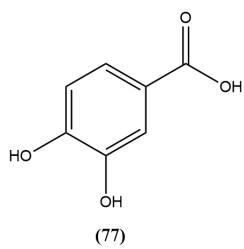
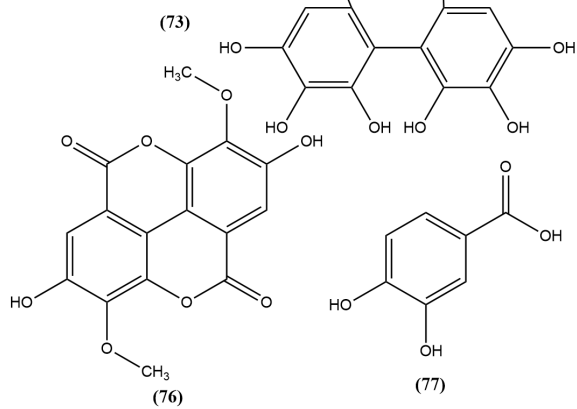
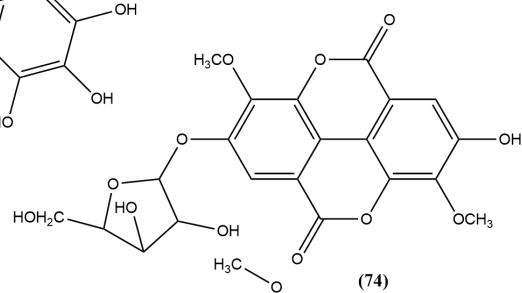
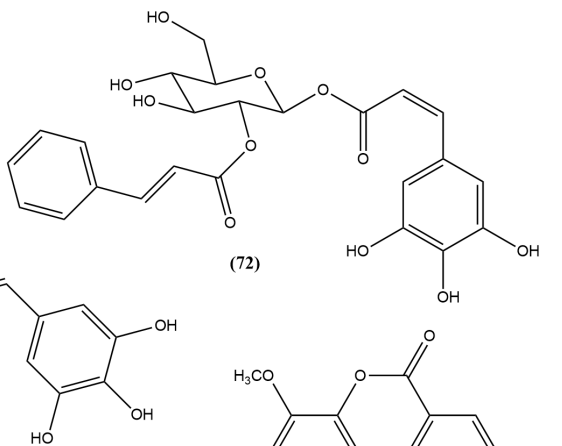
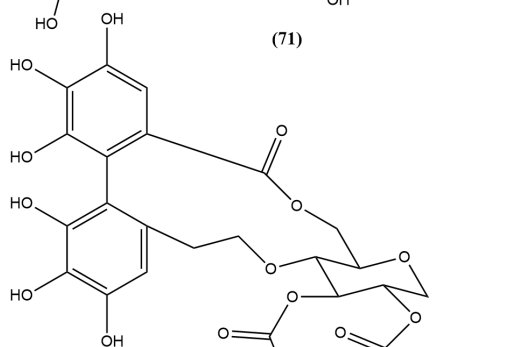
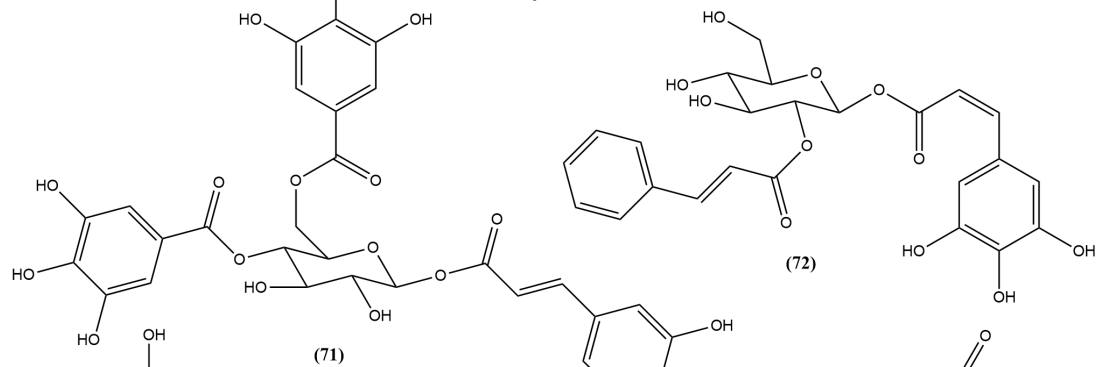
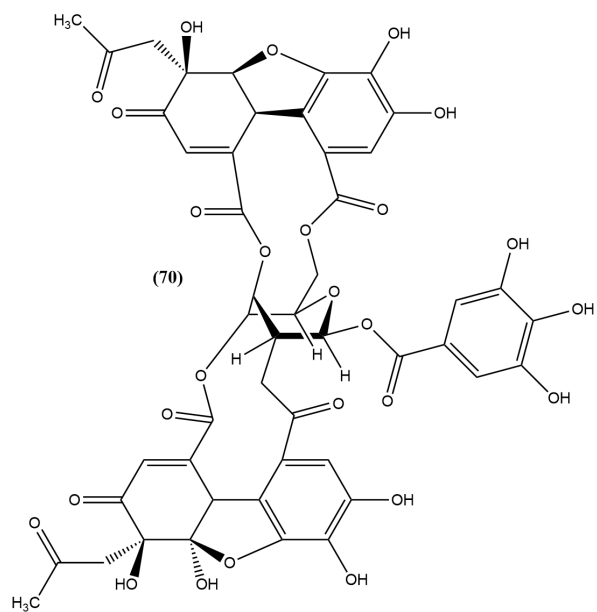
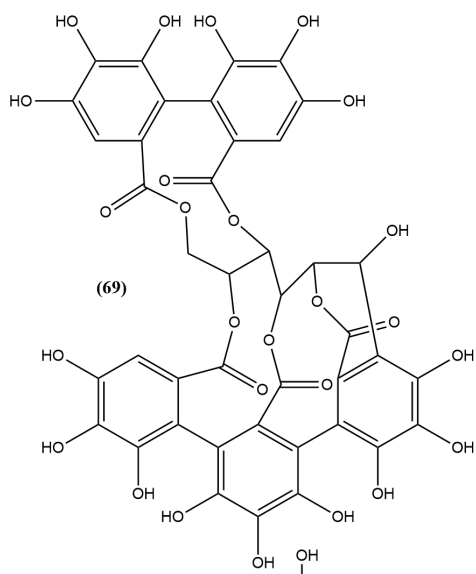
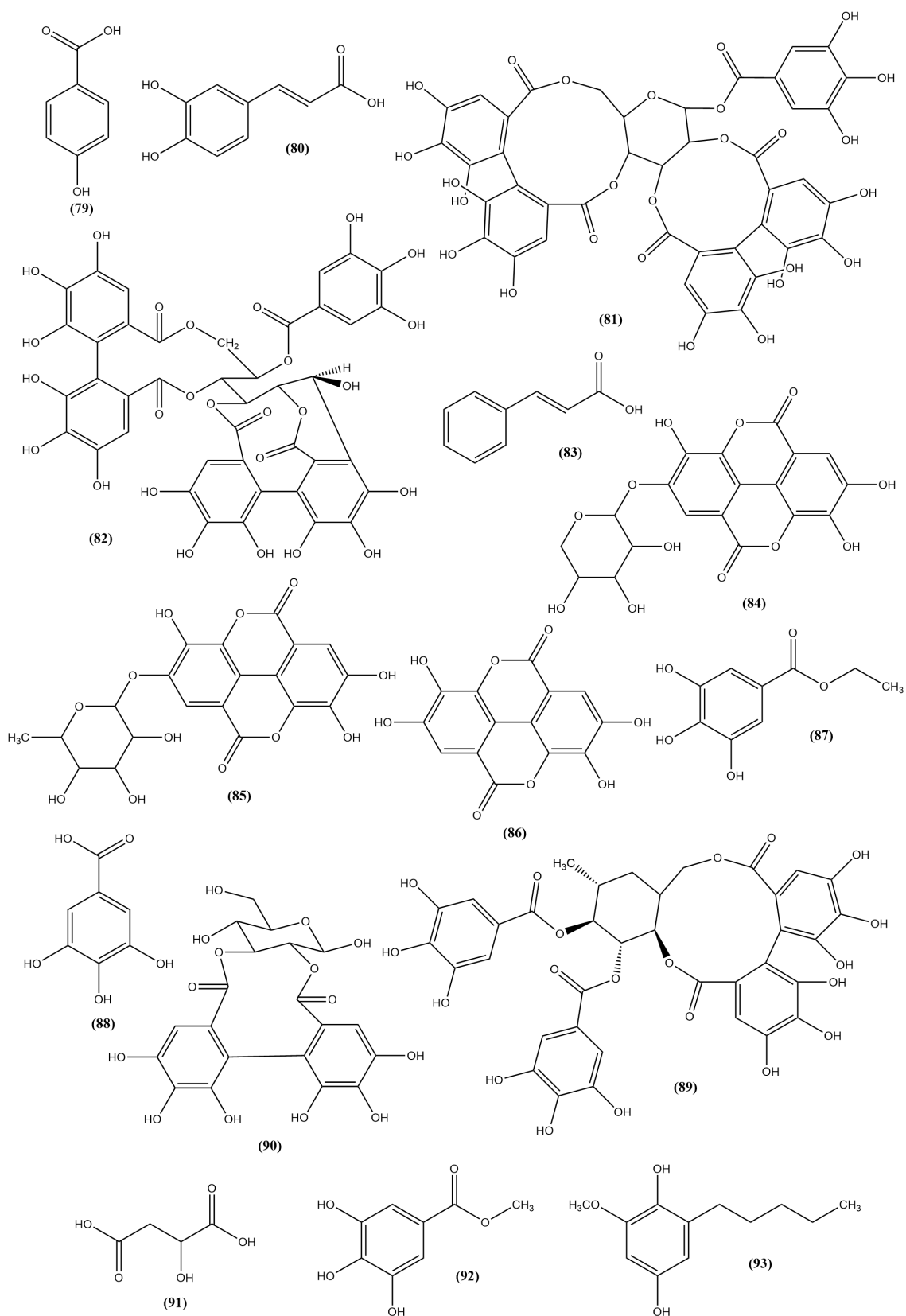


Figure S2. Flavonoids identified in the species of the genus *Miconia* (Compounds 10-68).





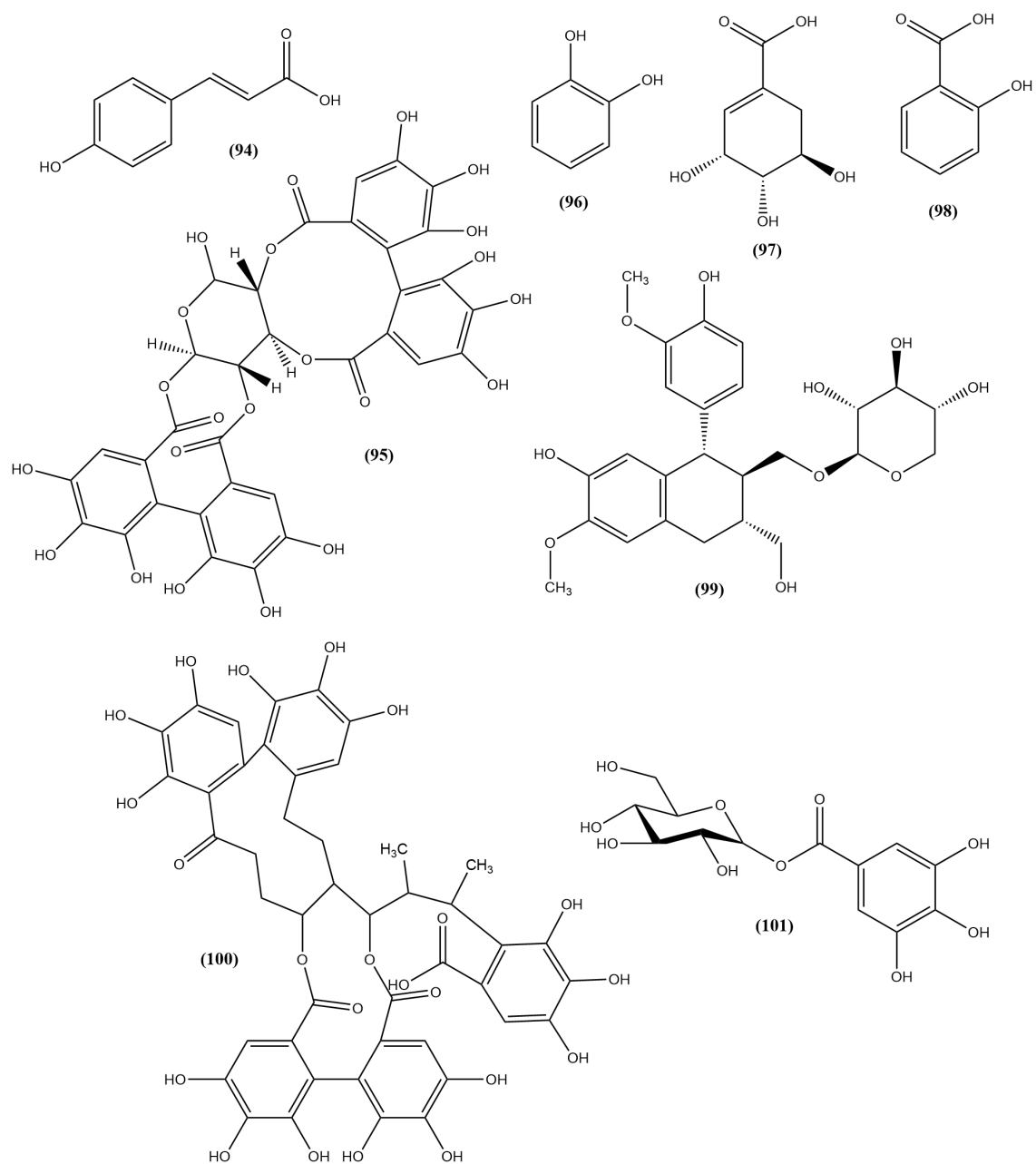


Figure S3. Phenolics identified in the species of the genus *Miconia* (Compounds 69-101).

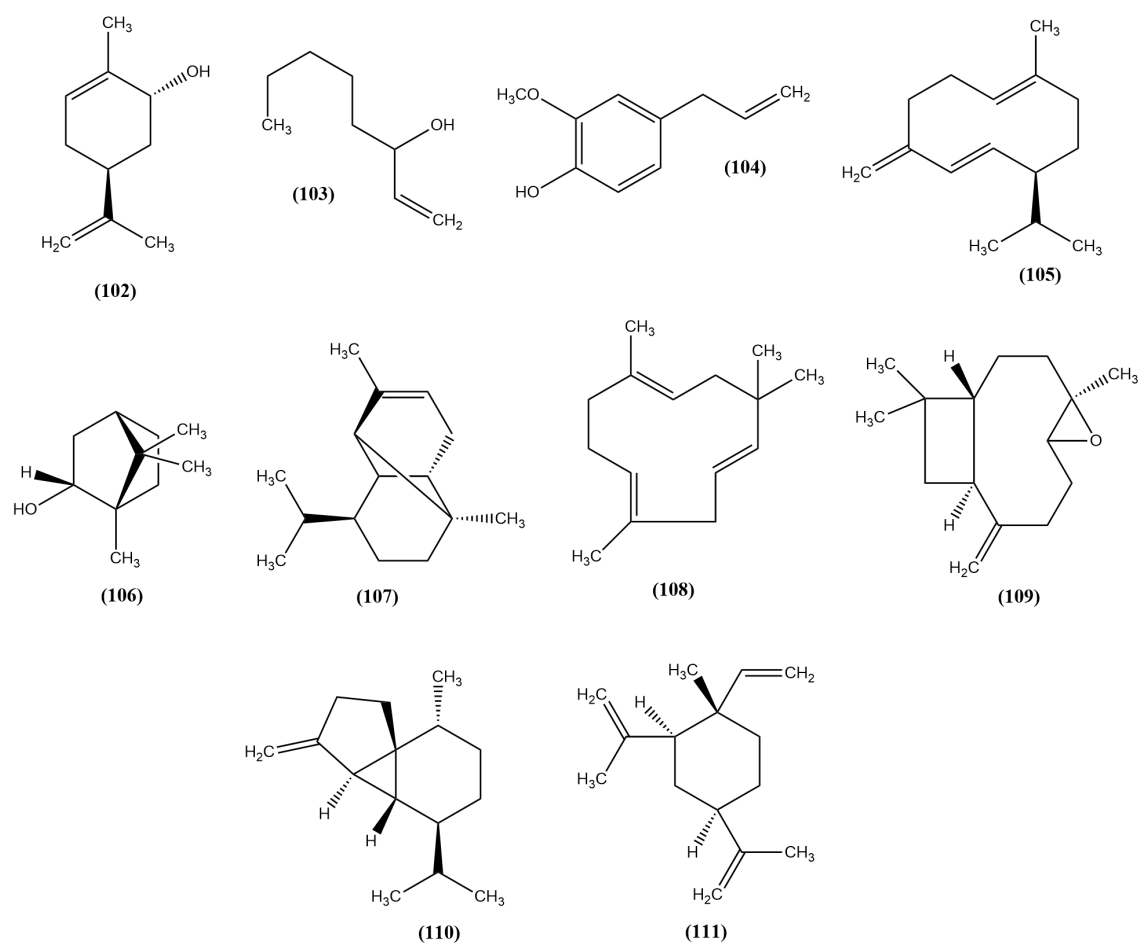
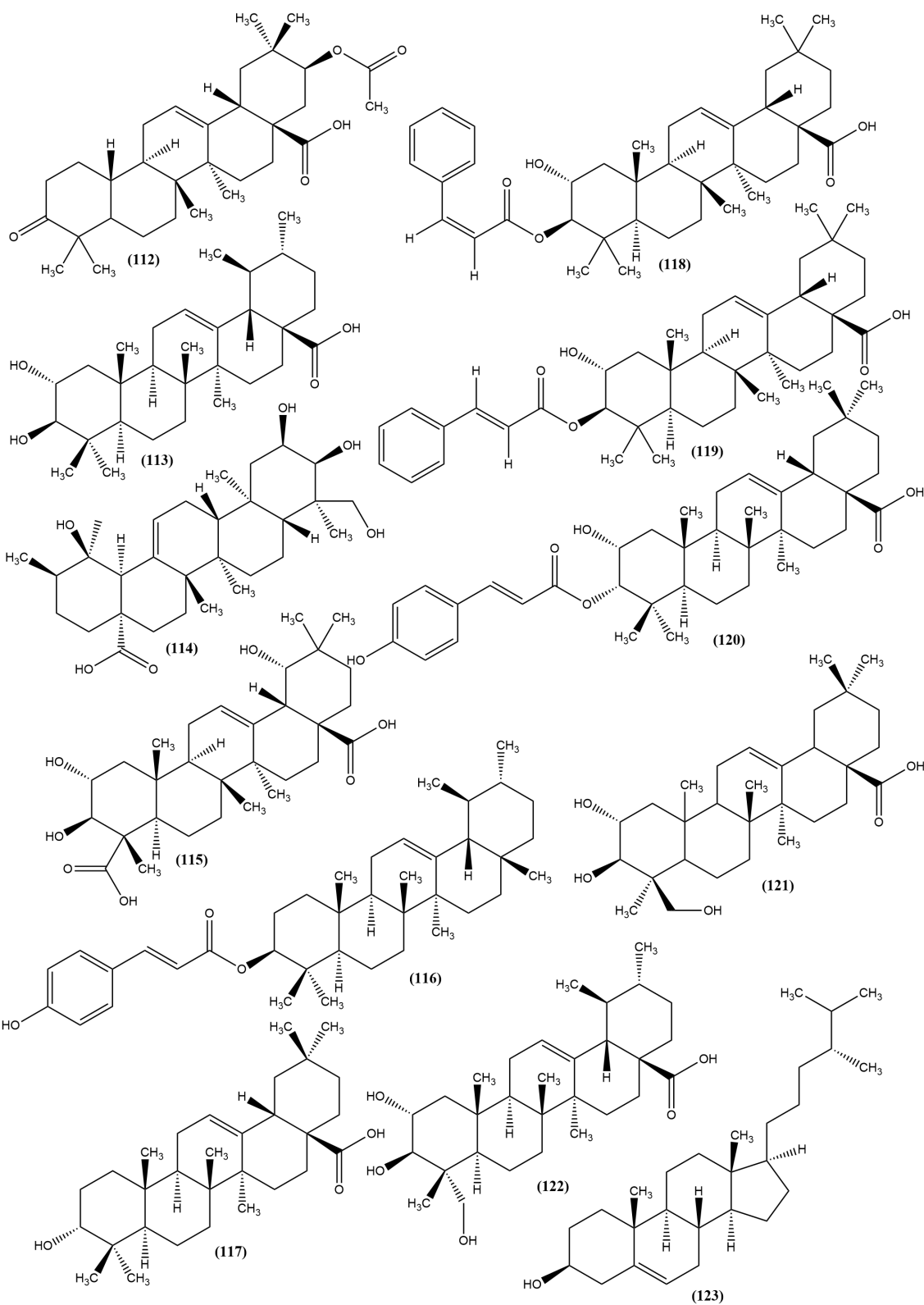
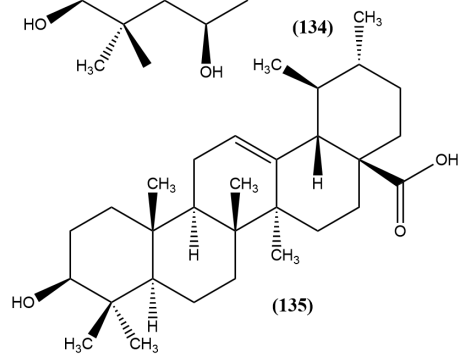
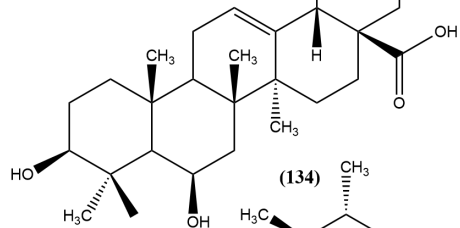
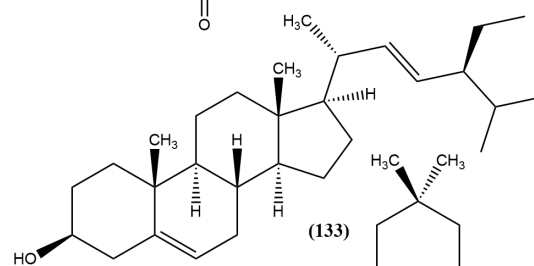
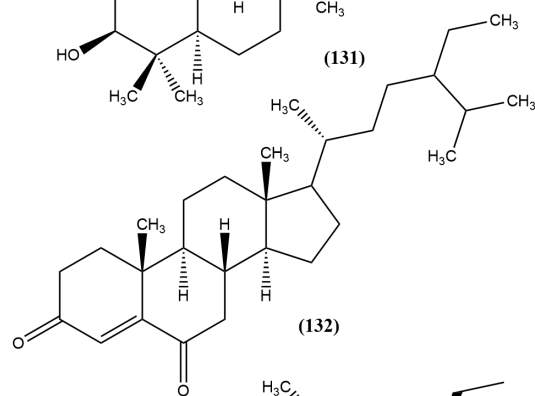
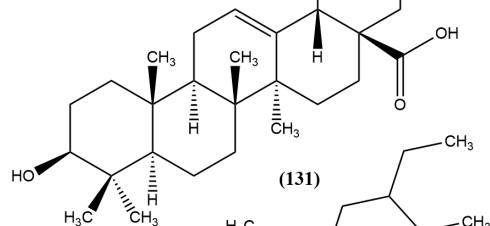
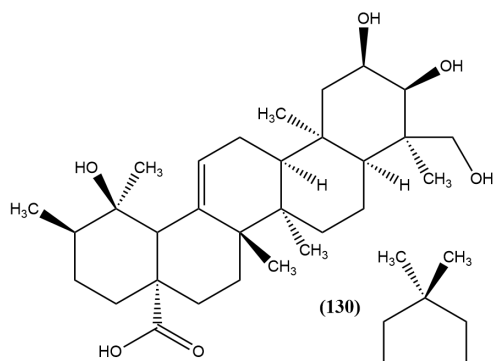
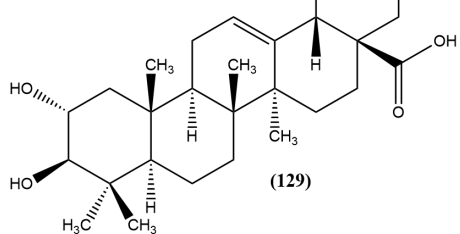
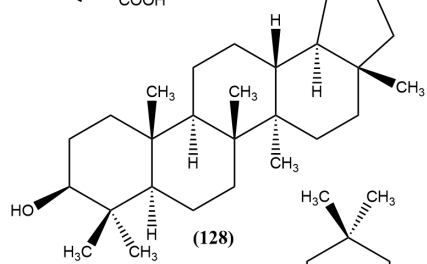
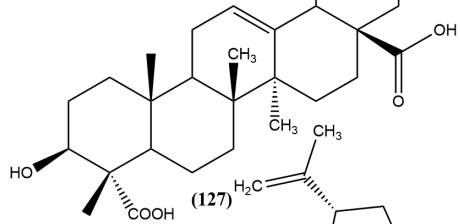
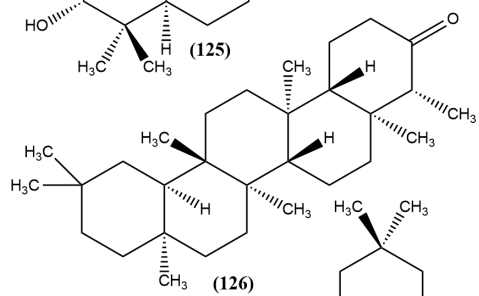
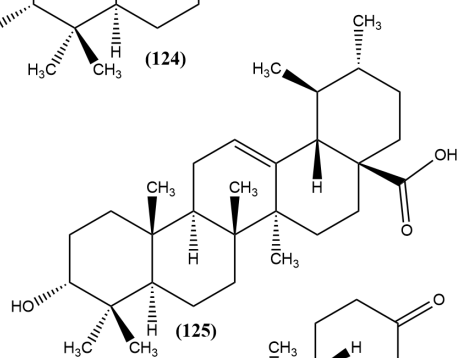
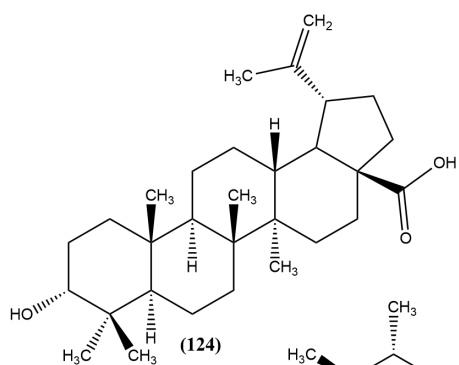


Figure S4. Terpenoids identified in the species of the genus *Miconia* (Compounds 102-111).





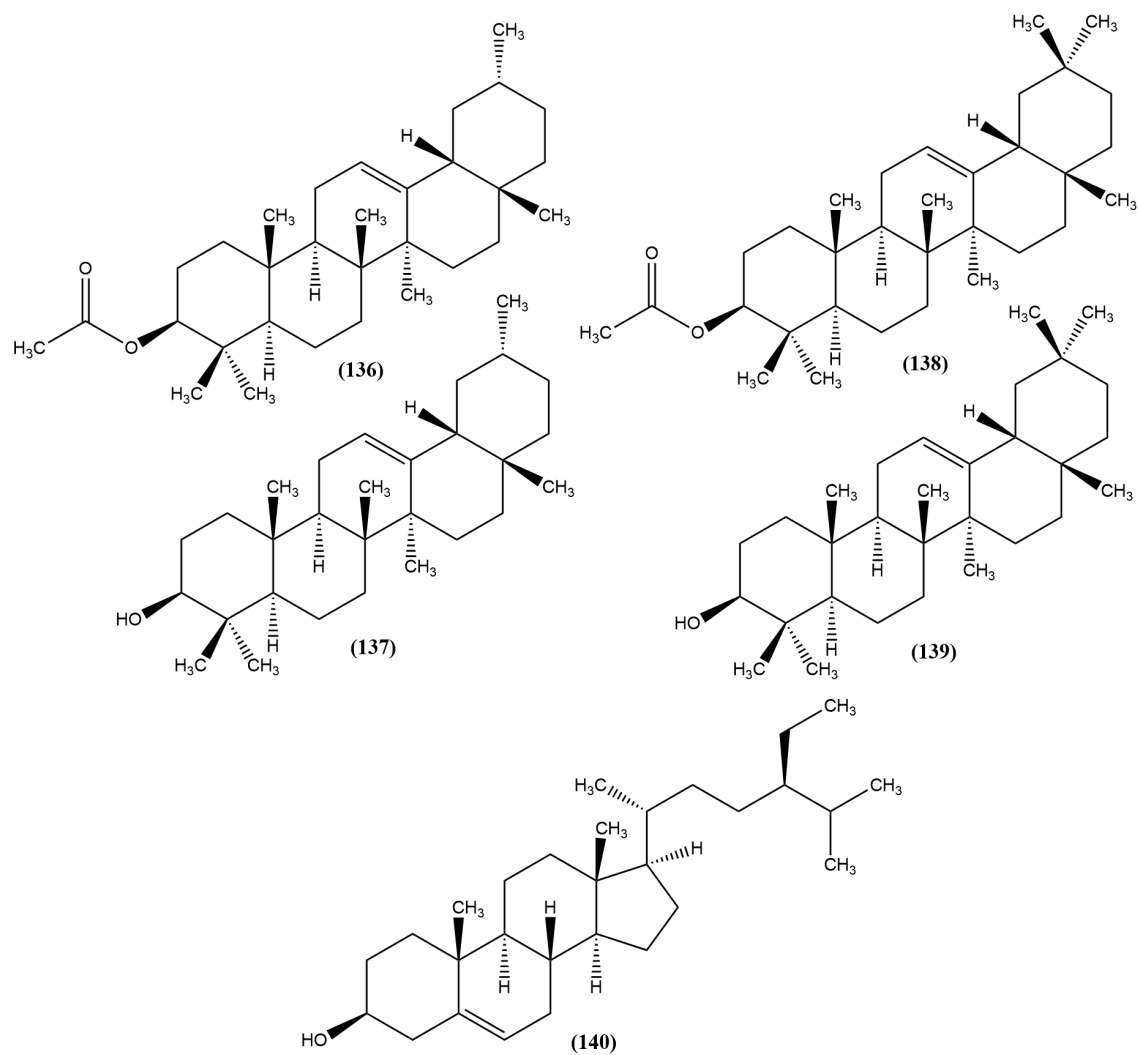


Figure S5. Triterpens and steroids identified in the species of the genus *Miconia* (Compounds 112-140).

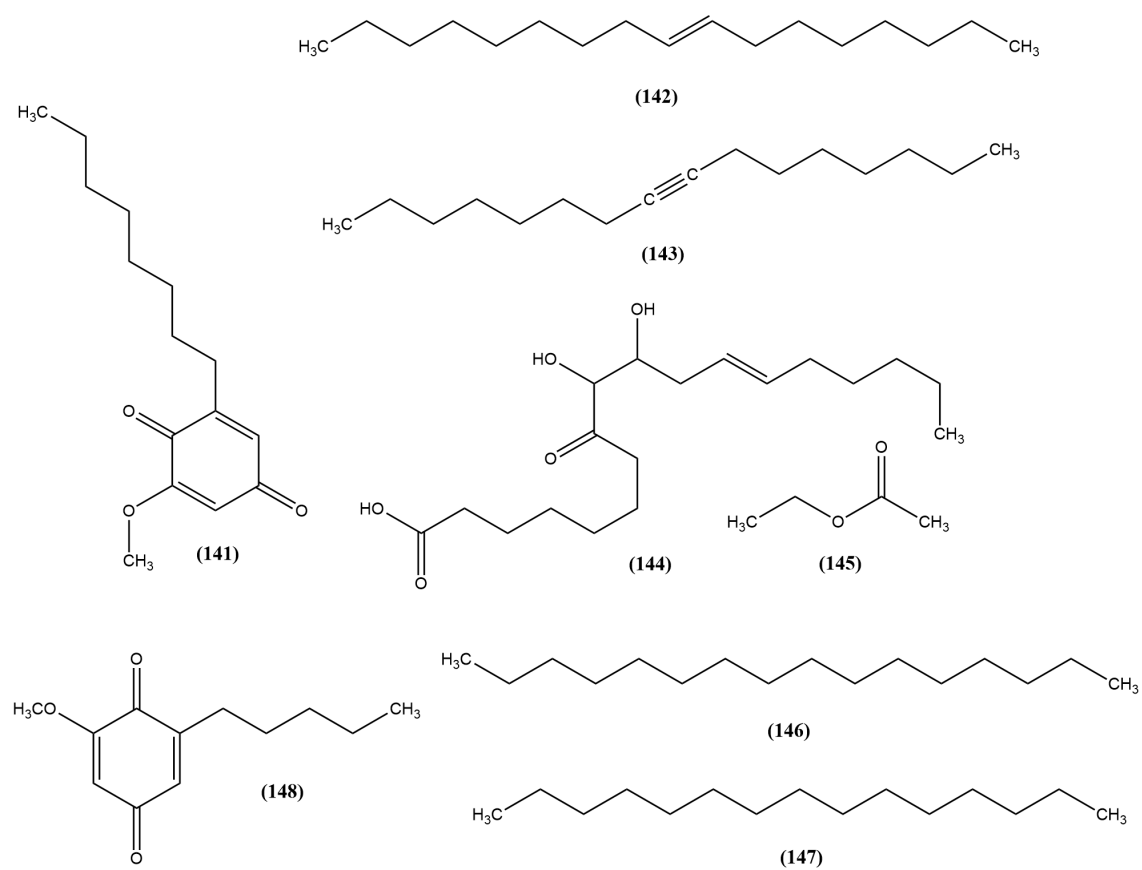


Figure S6. Other compounds identified in the species of the genus *Miconia* (Compounds 141-148).