

Tabela S1: Pentacyclic triterpenoids isolated from Celastraceae species (2001-2021).

Name		Species (plant part) Reference
FRIEDELANES		
F1	11 β -Hydroxy-friedelan-3-one	<i>Celastrus monospermus</i> (roots)[35] <i>Maytenus robusta</i> (leaves)[87]
F2	12 α ,29-Dihydroxy-friedelan-3-one	<i>Maytenus gonoclada</i> (branches)[36,37] <i>Maytenus robusta</i> (branches)[45]
F3	12 α -Hydroxy-friedelan-3,16-dione	<i>Maytenus gonoclada</i> (branches, leaves, stems, roots)[37,257] <i>Maytenus robusta</i> (branches)[46]
F4	12 α -Hydroxy-friedelan-3-one	<i>Celastrus monospermus</i> (roots)[35] <i>Maytenus distichophylla</i> (leaves)[72] <i>Maytenus gonoclada</i> (leaves, branches, stems, roots)[36–38,257]
F5	12 β -Hydroxy-friedelan-3-one	<i>Salacia chinensis</i> (leaves)[258]
F6	15 α ,26-Dihydroxy-friedelan-3-one (Salasone D)	<i>Salacia chinensis</i> (stems)[39]
F7	15 α -Hydroxy-friedelan-3-one	<i>Salacia amplifolia</i> (roots)[259] <i>Salacia chinensis</i> (stems)[39]
F8	16 β -Acetyloxy-26-hydroxy-friedelan-1,3-dione (Kotalagenin 16-acetate)	<i>Salacia reticulata</i> (roots)[260]
F9	16 α ,28-Dihydroxy-friedelan-3-one (Celasdin B)	<i>Salacia elliptica</i> (leaves, branches)[43,44]
F10	16 α -Hydroxy-friedelan-1,3-dione	<i>Salacia elliptica</i> (branches)[43]
F11	16 α -Hydroxy-friedelan-3-one	<i>Salacia elliptica</i> (branches)[44]
F12	16 β ,28,29-Trihydroxy-friedelan-3-one	<i>Maytenus robusta</i> (branches)[45]
F13	16 β ,29-Dihydroxy-friedelan-3-one	<i>Maytenus robusta</i> (branches)[46]
F14	16 β -Hydroxy-friedelan-3-one	<i>Maytenus guianensis</i> (stem barks, bark)[261,262]
F15	1 α ,29-Dihydroxy-friedelan-3-one	<i>Maytenus robusta</i> (branches)[45]
F16	1 β ,25-Dihydroxy-friedelan-3-one	<i>Crossopetalum lobatum</i> (leaves)[47]
F17	1 β ,30-Dihydroxy-friedelan-3-one	<i>Celastrus vulcanicola</i> (root barks)[48]
F18	1 β -Hydroxy-friedelan-3-one	<i>Celastrus vulcanicola</i> (root barks)[48]
F19	21 α -Hydroxy-friedelan-1,3-dione	<i>Salacia verrucosa</i> (stems)[49]
F20	21 α -Hydroxy-friedelan-3-one	<i>Cheiloclinium cognatum</i> (leaves)[69] <i>Hippocratea excelsa</i> (root barks)[96] <i>Salacia nitida</i> (leaves)[263] <i>Salacia verrucosa</i> (stems)[49] <i>Tonatelea micrantha</i> (branches)[52]
F21	21 α -Hydroxy-friedelan-3,15-dione	<i>Maytenus robusta</i> (aerial parts)[51,264]
F22	21 β -Hydroxy-friedelan-3-one	<i>Siphonodon celastrineus</i> (stems)[54] <i>Tonatelea micrantha</i> (branches)[52]
F23	25,26-Oxido-friedelan-1,3-dione	<i>Salacia chinensis</i> (roots)[53]
F24	25-Hydroxy-friedelan-3-one	<i>Maytenus jelskii</i> (root barks)[48]
F25	25-Hydroxy-friedelan-3,21-dione	<i>Siphonodon celastrineus</i> (stems)[54]
F26	26-Hydroxy-friedelan-1,3-dione	<i>Salacia reticulata</i> (roots)[260] <i>Salacia verrucosa</i> (stems)[49]
F27	27-Hydroxy-friedelan-3-one	<i>Salacia verrucosa</i> (stems)[49]

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	Name	Species (plant part) Reference
F28	28,29-Dihydroxy-friedelan-3-one	<i>Maytenus jelskii</i> (root barks)[48] <i>Salacia crassifolia</i> (leaves)[6,265]
F29	28,30-Dihydroxy-friedelan-3-one (Maytenfoliol)	<i>Celastrus vulcanicola</i> (root barks)[48] <i>Maytenus jelskii</i> (root barks)[48]
F30	28-Hydroxy-friedelan-1,3-dione	<i>Crossopetalum lobatum</i> (leaves)[47] <i>Cheiloclinium hippocratioides</i> (root barks)[138]
F31	28-Hydroxy-friedelan-3-one (Canophyllol)	<i>Austroplenckia populnea</i> (leaves)[266] <i>Celastrus monospermus</i> (roots)[35] <i>Celastrus vulcanicola</i> (stems)[267] <i>Cheiloclinium cognatum</i> (leaves, branches)[69,268] <i>Elaeodendron buchananii</i> (stem barks)[232] <i>Maytenus jelskii</i> (root barks)[48] <i>Salacia crassifolia</i> (leaves)[6] <i>Salacia elliptica</i> (leaves, branches)[43,44] <i>Tontelea micrantha</i> (leaves)[52]
F32	29-Hydroxy-3-oxo-friedelan-28-al (Tripterfrielanon A)	<i>Maytenus jelskii</i> (root barks)[48] <i>Tripterygium wilfordii</i> (roots)[92]
F33	29-Hydroxy-friedelan-1,3-dione	<i>Crossopetalum lobatum</i> (leaves)[47]
F34	29-Hydroxy-friedelan-3,16-dione	<i>Maytenus robusta</i> (branches)[46]
F35	29-Hydroxy-friedelan-3-one	<i>Celastrus vulcanicola</i> (root barks, stems)[48,267] <i>Celastrus hypoleucus</i> (aerial parts)[198] <i>Cheiloclinium cognatum</i> (leaves, branches)[69,268] <i>Cheiloclinium hippocratioides</i> (root barks)[138] <i>Euonymus alatus</i> (root barks)[269] <i>Hippocratea excelsa</i> (root barks)[213] <i>Maytenus cuzcoina</i> (root barks)[68] <i>Maytenus distichophylla</i> (leaves)[72] <i>Maytenus guianensis</i> (bark, stems, branches)[261,262] <i>Maytenus imbricata</i> (roots)[123] <i>Maytenus jelskii</i> (root barks)[48] <i>Maytenus robusta</i> (leaves)[46,87] <i>Maytenus salicifolia</i> (root barks)[105] <i>Microtropis triflora</i> (caules)[270] <i>Mortonia greggii</i> (roots, leaves)[271] <i>Salacia chinensis</i> (leaves, stems)[39,258] <i>Salacia crassifolia</i> (roots)[75] <i>Salacia nitida</i> (leaves)[263] <i>Salacia petenensis</i> (bark)[64] <i>Tripterygium wilfordii</i> (roots)[92,272]
F36	2 α -Acetyloxy-3 β ,24-oxido-3 α -hydroxy-friedelan-29-oic acid methyl ester	<i>Celastrus vulcanicola</i> (root barks)[48]

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	Name	Species (plant part) Reference
F37	2 α -Hydroxy-friedelan-3-one	<i>Maytenus jelskii</i> (root barks)[48]
F38	2 β ,22 β -Dihydroxy-3,21-dioxo-29- <i>nor</i> -friedelan-24-oic acid methyl ester	<i>Tripterygium wilfordii</i> (roots)[61]
F39	2 β -Hydroxy-24,29- <i>dinor</i> -friedelan-4-en-3,21-dione (Triptocalline B)	<i>Microtropis triflora</i> (stalks)[62,270]
F40	25-Benzoyloxyfriedelan-3,21-dione	<i>Siphonodon celastrineus</i> (stems)[54]
F41	30-Hydroxy-friedelan-1,3-dione	<i>Salacia verrucosa</i> (stems)[49]
F42	30-Hydroxy-friedelan-3-one (Octandronol)	<i>Euonymus alatus</i> (root barks)[269] <i>Maytenus distichophylla</i> (leaves)[72] <i>Maytenus erythroxylon</i> (aerial parts)[273] <i>Maytenus salicifolia</i> (roots)[9] <i>Salacia chinensis</i> (leaves)[258] <i>Salacia elliptica</i> (leaves, branches)[43,44] <i>Salacia hainanensis</i> (roots)[73] <i>Salacia nitida</i> (leaves)[263] <i>Tontelea micrantha</i> (branches)[52]
F43	24-Formyl-3-hydroxy-2-oxo-friedelan-3-en-29-oic acid methyl ester (Cangoronine methyl ester)	<i>Elaeodendron schlechteranum</i> (root barks)[63] <i>Cassine xylocarpa</i> (root barks)[196] <i>Celastrus vulcanicola</i> (root barks)[48]
F44	3-Methoxy-friedel-2-en-1-one	<i>Salacia petenensis</i> (bark)[64]
F45	3-Oxo-friedelan-28,30-olide	<i>Maytenus jelskii</i> (root barks)[48]
F46	3-Oxo-friedelan-29-al	<i>Maytenus jelskii</i> (root barks)[48]
F47	3-Oxo-friedelan-28-al (Canophyllal)	<i>Tripterygium wilfordii</i> (roots)[92] <i>Tontelea micrantha</i> (branches)[52]
F48	3-Oxo-friedelan-30-al	<i>Celastrus vulcanicola</i> (root barks)[48] <i>Maytenus jelskii</i> (root barks)[48] <i>Mortonia greggii</i> (leaves)[271]
F49	3-Oxo-friedelan-29-oic acid methyl ester (Methyl populnoate)	<i>Austroplenckia populnea</i> (wood barks)[274] <i>Mortonia greggii</i> (roots, leaves)[271]
F50	3 α ,25-Dihydroxy-friedelan-2-one	<i>Crossopetalum lobatum</i> (leaves)[47]
F51	3 α -Hydroxy-friedelan-2-one	<i>Maytenus cuzcoina</i> (root barks)[68] <i>Maytenus jelskii</i> (root barks)[48]
F52	3 β ,24-Oxido-2 α ,3 α ,6 β -trihydroxy-fridelano-29-oic methyl ester	<i>Maytenus cuzcoina</i> (root barks)[68] <i>Maytenus jelskii</i> (root barks)[48]
F53	3 β ,24-Oxido-2 α ,3 α -dihydroxy-fridelano-29-oic methyl ester	<i>Celastrus vulcanicola</i> (root barks)[48]
F54	3 β ,29-Dihydroxy-friedelan-1-one	<i>Cheiloclinium cognatum</i> (leaves)[69]
F55	4 α -methyl-friedelan-3-one (4- <i>epi</i> -friedelin)	<i>Salacia chinensis</i> (leaves)[258]

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	Name	Species (plant part) Reference
	2 β ,6 α ,22 β -Trihydroxy-24,29- <i>dinor</i> -friedelan-4-en-3,21-dione	
F56	(6 α -Hidroxi-triptocalina A)	<i>Tripterygium wilfordii</i> (roots)[71]
	6 β ,12 α -Dihydroxy-friedel-1-en-3,16,21-trione	
F57	(Maitensifolone)	<i>Maytenus distichophylla</i> (leaves)[72]
F58	7 α -Hydroxi-friedelan-1,3-dione	<i>Salacia nitida</i> (lianas)[263]
F59	7 α ,26-Dihydroxy-friedelan-3-one (Salasone E)	<i>Salacia chinensis</i> (stems)[39]
F60	7 α ,30-Dihydroxy-friedelan-3-one	<i>Salacia hainanensis</i> (roots)[73]
F61	7 β ,29-Dihydroxy-friedelan-3-one	<i>Celastrus vulcanicola</i> (root barks)[48]
	7 β -Hydroxy-3-oxo-friedelan-28-oic acid methyl ester	
F62		<i>Celastrus vulcanicola</i> (root barks)[48]
F63	1 β -Hydroxy-3-oxo-friedelan-30-oic acid	<i>Celastrus vulcanicola</i> (root barks)[48]
F64	2 α ,3 α -Dihydroxy-3,24-oxido-friedelan 29-oic acid (Orthosphenic acid)	<i>Maytenus jelskii</i> (root barks)[48] <i>Maytenus macrocarpa</i> (branches)[204] <i>Maytenus royleanus</i> (roots)[209] <i>Microtropis triflora</i> (stalks)[270] <i>Salacia chinensis</i> (stems)[39] <i>Salacia nitida</i> (leaves)[263]
	2 α ,3 α ,22 β -Trihydroxy-21-oxo-29- <i>nor</i> -friedelan-24-oic acid	
F65		<i>Salacia crassifolia</i> (roots)[75]
F66	2 α -Hydroxy-3-oxo-friedelan-29-oic acid (Wilforic acid C)	<i>Salacia chinensis</i> (stems)[39] <i>Salacia nitida</i> (lianas)[263] <i>Tripterygium doianumi</i> (branches)[233]
F67	2 α -Hydroxy-3-oxo-friedelan-30-oic acid	<i>Crossopetalum lobatum</i> (leaves)[47]
F68	2 β -Hydroxy-3-oxo-friedelan-30-oic acid	<i>Salacia longipes</i> (roots)[221]
F69	24-Formyl-3-hydroxy-2-oxo-friedelan-3-en-29-oic acid (Cangoronine)	<i>Cassine xylocarpa</i> (root barks)[196] <i>Celastrus vulcanicola</i> (root barks)[196] <i>Maytenus jelskii</i> (root barks)[48] <i>Salacia nitida</i> (lianas)[263] <i>Tripterygium doianumi</i> (branches)[233] <i>Tripterygium wilfordii</i> (roots)[272]
F70	3-Hydroxy-2-oxo-friedelan-3-en-29-oic acid (Populnic acid)	<i>Austroplenckia pulpunea</i> (stems, roots)[275] <i>Celastrus vulcanicola</i> (root barks)[48] <i>Maytenus jelskii</i> (root barks)[48] <i>Salacia amplifolia</i> (roots)[259]
F71	3-Oxo-friedelan-30-oic acid	<i>Maytenus jelskii</i> (root barks)[48]
F72	3-Oxo-friedelan-28-oic acid (Canophylic acid)	<i>Tripterygium wilfordii</i> (roots)[92] <i>Microtropis triflora</i> (stalks)[270] <i>Mortonia greggii</i> (roots, leaves)[271]
F73	3-oxo-friedelan-29-oic acid	<i>Austroplenckia populnea</i> (wood barks, roots)[264,276]

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Name		Species (plant part) Reference
(Populnonic acid)		<i>Celastrus vulcanicola</i> (stems, root barks)[48,267] <i>Maytenus cuzcoina</i> (root barks)[68] <i>Maytenus jelskii</i> (root barks)[48] <i>Maytenus senegalensis</i> (root barks)[277] <i>Salacia chinensis</i> (stems)[39] <i>Salacia chinensis</i> (stems)[39] <i>Tripterygium doianumi</i> (branches)[233]
F74	3 α -Hydroxy-2-oxo-friedelan-29-oic acid	<i>Maytenus heterophylla</i> (leaves)[82]
F75	3 α -Hydroxy-3 β ,24-oxido-friedelan-29-oic acid (salaspermic acid)	<i>Maytenus jelskii</i> (root barks)[48] <i>Maytenus royleanus</i> (roots)[209] <i>Microtropis triflora</i> (stalks)[270] <i>Salacia chinensis</i> (stems)[39] <i>Salacia nitida</i> (lianas)[263] <i>Salacia staudtiana</i> (root barks)[278] <i>Tripterygium wilfordii</i> (roots)[272]
F76	3 α -Hydroxy-friedelan-28-oic acid	<i>Maytenus jelskii</i> (root barks)[48]
F77	3 β ,24-Oxido-2 α ,24-dihydroxy- friedelan-29-oic acid	<i>Microtropis triflora</i> (stalks)[84]
F78	3 β -Hydroxy-2-oxo-friedelan-29-oic acid (Populnilic acid)	<i>Austroplenckia populnea</i> (wood barks)[275] <i>Tripterygium doianumi</i> (branches)[233]
F79	7 β -Hydroxy-3-oxo-friedelan-28-oic acid	<i>Celastrus vulcanicola</i> (root barks)[48]
F80	Friedelan-3 β ,29-diol	<i>Cheiloclinium cognatum</i> (branches)[69,268]
F81	Friedelan-1-en-3,16-dione	<i>Maytenus robusta</i> (branches)[45]
F82	Friedelan-1,3,21-trione	<i>Tontelea micrantha</i> (branches)[52]
F83	Friedelan-1,3-dione	<i>Maytenus salicifolia</i> (root barks)[105] <i>Salacia verrucosa</i> (stems)[49]
F84	Friedelan-3,11-dione	<i>Maytenus gonoclada</i> (leaves, branches)[36–38]
F85	Friedelan-3,12-dione	<i>Celastrus monospermus</i> (roots)[35] <i>Maytenus gonoclada</i> (leaves, branches, stems, roots)[36,257] <i>Maytenus distichophylla</i> (leaves)[72]
F86	Friedelan-3,15-dione	<i>Maytenus robusta</i> (aerial parts, leaves) [51,264]
F87	Friedelan-3,16-dione (Maytensifolin B)	<i>Maytenus gonoclada</i> (branches, leaves)[36–38] <i>Maytenus robusta</i> (leaves, branches)[46,94,264,279] <i>Maytenus salicifolia</i> (roots)[9] <i>Salacia elliptica</i> (branches)[43]
F88	Friedelan-3,7-dione	<i>Maytenus distichophylla</i> (roots)[280] <i>Maytenus gonoclada</i> (leaves, stems, roots)[257] <i>Maytenus imbricata</i> (roots)[123]
F89	Friedelan-3-one (friedelin)	<i>Austroplenckia populnea</i> (leaves)[266] <i>Cassine xylocarpa</i> (root barks)[196]

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Name		Species (plant part) Reference
		<i>Celastrus hypoleucus</i> (aerial parts)[198]
		<i>Celastrus monospermus</i> (roots)[35]
		<i>Celastrus vulcanicola</i> (stems)[267]
		<i>Cheiloclinium cognatum</i> (leaves, branches)[69,268]
		<i>Crossopetalum lobatum</i> (leaves)[47]
		<i>Elaeodendron buchananii</i> (stem barks)[232]
		<i>Euonymus alatus</i> (root barks)[269]
		<i>Maytenus apurimacensis</i> (roots)[160]
		<i>Maytenus distichophylla</i> (roots, leaves)[72,265,280]
		<i>Maytenus forsskaoliana</i> [281]
		<i>Maytenus gonoclada</i> (branches, leaves, stems, roots) [36–38,257]
		<i>Maytenus guianensis</i> (leaves, stems, root barks)[261,262]
		<i>Maytenus jelskii</i> (root barks)[48]
		<i>Maytenus rigida</i> (stem barks)[282]
		<i>Maytenus robusta</i> (leaves, branches, aerial parts)[46,51,87,94]
		<i>Maytenus salicifolia</i> (fruits, root barks, roots, leaves)[283,105,9, 235]
		<i>Maytenus undata</i> (leaves)[284]
		<i>Microtropis triflora</i> (stalks)[270]
		<i>Salacia chinensis</i> (leaves)[258]
		<i>Salacia crassifolia</i> (leaves)[6,265]
		<i>Salacia elliptica</i> (leaves, branches)[43,44]
		<i>Salacia impressifolia</i> (stems, branches)[285]
		<i>Salacia nitida</i> (lianas)[263]
		<i>Salacia verrucosa</i> (stems)[49]
		<i>Tontelea micrantha</i> (leaves, branches)[52]
		<i>Tripterygium wilfordii</i> (roots)[92,272]
F90	Friedelan-3 β ,11 β -diol	<i>Maytenus robusta</i> (leaves)[87,94]
F91	Friedelan-3 β ,24-diol	<i>Maytenus distichophylla</i> (leaves)[265] <i>Salacia crassifolia</i> (leaves)[265]
F92	Friedelan-3 β ,28,29-triol	<i>Cheiloclinium cognatum</i> (leaves)[69]
F93	Friedelan-3 β -ol	<i>Austroplenckia populnea</i> (leaves)[266] <i>Celastrus vulcanicola</i> (stems, root barks)[48,267] <i>Cheiloclinium cognatum</i> (leaves, branches)[69,268] <i>Elaeodendron buchananii</i> (stem barks)[232] <i>Maytenus distichophylla</i> (leaves)[72,265] <i>Maytenus erythroxylon</i> (aerial parts)[273] <i>Maytenus gonoclada</i> (branches, leaves)[36–38] <i>Maytenus guianensis</i> (stems, root barks)[261,262] <i>Maytenus jelskii</i> (root barks)[48]

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Name		Species (plant part) Reference
		<i>Maytenus rigida</i> (stem barks)[282]
		<i>Maytenus robusta</i> (leaves, branches, aerial parts)[46,51,87,94]
		<i>Maytenus salicifolia</i> (leaves)[235]
		<i>Maytenus undata</i> (leaves)[284]
		<i>Salacia crassifolia</i> (leaves)[6,265]
		<i>Salacia elliptica</i> (leaves, branches)[43,44]
		<i>Salacia nitida</i> (leaves)[263]
		<i>Tontelea micrantha</i> (leaves)[52]
F94	Friedelan-3,21-dione	<i>Siphonodon celastrineus</i> (stems)[54] <i>Tontelea micrantha</i> (branches)[52]
F95	25-Hydroxy-2,3- <i>seco</i> -friedelane-dicarboxylic anhydride (Lobatanhydride)	<i>Crossopetalum lobatum</i> (leaves)[47]
F96	3-Hydroxy-2-oxo-3(4),20(29)-dien-30- <i>nor</i> -friedelan-24-al (Salacenonal)	<i>Salacia amplifolia</i> (roots)[259]
F97	21-Oxo-2 α ,3 α ,22 β -trihydroxy-29- <i>nor</i> -friedelan-2 β ,24 olide (Triflora lactone)	<i>Microtropis triflora</i> (stalks)[62,270]
F98	29-(Formyloxy)-friedelan-3-one (Tripterfrielanon B)	<i>Tripterygium wilfordii</i> (roots)[92]
F99	2 β ,22 β -Dihydroxy-24,29- <i>dinor</i> -friedelan-4-en-3,21-dione (Triptocalline A)	<i>Salacia chinensis</i> (stems)[39] <i>Tripterygium doianum</i> (branches)[233]
F100	3,4- <i>Seco</i> -friedelan-3,11 β -olide	<i>Maytenus robusta</i> (leaves)[94]
F101	3,4- <i>Seco</i> -28-hydroxy-friedelan--3-oic acid	<i>Austroplenckia populnea</i> (leaves)[95] <i>Maytenus jelskii</i> (root barks)[48]
F102	3,4- <i>Seco</i> -friedelan-3-oic acid	<i>Austroplenckia populnea</i> (leaves)[95] <i>Cheiloclinium cognatum</i> (leaves)[69] <i>Maytenus erythroxylon</i> (aerial parts)[273] <i>Maytenus imbricata</i> (leaves)[286] <i>Maytenus robusta</i> (leaves)[94] <i>Salacia crassifolia</i> (leaves)[6] <i>Salacia elliptica</i> (leaves)[43] <i>Tontelea micrantha</i> (leaves)[52]
F103	2,4- <i>Seco</i> -4-oxo-23,24- <i>dinor</i> -friedelan-1(10),5,7-trien-2,29 dioic dimethyl ester (Dzununcanone)	<i>Hippocratea excelsa</i> (root barks)[96]
QUINONEMETHIDES		
Q1	11 β -Hydroxypristimerin	<i>Salacia crassifolia</i> (root barks)[103]
Q2	15-Dehydropristimerin	<i>Maytenus vitis-idaea</i> (roots)[104]
Q3	15 α -Hydroxytingenone	<i>Maytenus vitis-idaea</i> (roots)[104]
Q4	16 β -Hydroxypristimerin	<i>Maytenus salicifolia</i> (root barks)[105]
Q5	20- <i>epi</i> -Isoiguesterinol	<i>Salacia madagascariensis</i> (roots)[106]

Tabela S1: Pentacyclic triterpenoids isolated from Celastraceae species (2001-2021).

Name		Species (plant part) Reference
Q6	20-Hydroxy-20- <i>epi</i> -tingenone	<i>Cheiloclinium cognatum</i> (root barks)[115] <i>Elaeodendron croceum</i> (leaves)[287] <i>Maytenus acanthophylla</i> (roots)[288] <i>Peritassa campestris</i> (roots)[252] <i>Salacia crassifolia</i> (roots)[243]
Q7	20 α -Hydroxytingenone	<i>Austroplenckia populnea</i> (roots)[275] <i>Cheiloclinium cognatum</i> (root barks)[109]
Q8	20 α -Hydroxyscutione	<i>Maytenus vitis-idaea</i> (roots)[104]
Q9	22 β -Hydroxypristimerin	<i>Cheiloclinium cognatum</i> (root barks)[109] <i>Maytenus guianensis</i> (stem barks)[261]
Q10	22 β -Hydroxytingenone	<i>Cheiloclinium cognatum</i> (root barks)[109,115] <i>Elaeodendron croceum</i> (leaves)[287] <i>Elaeodendron schlechteranum</i> (root barks)[63] <i>Glyptopetalum sclerocarpum</i> (pericarp)[120] <i>Maytenus guianensis</i> (stem barks, barks)[261,262,289] <i>Salacia chinensis</i> (stems)[39] <i>Salacia impressifolia</i> (root barks, trunk and twigs)[4,285] <i>Peritassa campestris</i> (roots)[252] <i>Peritassa laevigata</i> (roots)[290]
Q11	30-Hydroxypristimerin	<i>Salacia impressifolia</i> (trunk and twigs)[285]
Q12	Celastrol	<i>Celastrus monospermus</i> (roots)[35] <i>Celastrus orbiculatus</i> (root barks)[139] <i>Cheiloclinium cognatum</i> (root barks)[115] <i>Crossopetalum uragoga</i> (stems)[126] <i>Maytenus magellanica</i> (root barks)[126] <i>Maytenus vitis-idaea</i> (roots)[104] <i>Peritassa campestris</i> (roots)[252] <i>Tripterygium wilfordii</i> (roots)[272]
Q13	Dispermoquinone	<i>Cheiloclinium hippocratioides</i> (root barks)[138] <i>Crossopetalum uragoga</i> (stems)[126] <i>Maytenus apurimacensis</i> (roots)[160] <i>Maytenus magellanica</i> (root barks)[126] <i>Salacia crassifolia</i> (roots)[243]
Q14	Scutione	<i>Maytenus spinosa</i> (roots)[104] <i>Maytenus vitis-idaea</i> (roots)[104]
Q15	Isoguesterin	<i>Salacia amplifolia</i> (roots)[259] <i>Salacia madagascariensis</i> (roots)[106] <i>Salacia impressifolia</i> (trunk and twigs)[285]
Q16	Isoguesterinol (Isoguesterol)	<i>Salacia madagascariensis</i> (roots)[106]
Q17	Netzahualcoyene	<i>Cheiloclinium cognatum</i> (root barks)[109,115]

Tabela S1: Pentacyclic triterpenoids isolated from Celastraceae species (2001-2021).

Name		Species (plant part) Reference
		<i>Maytenus ilicifolia</i> (roots)[128]
		<i>Maytenus vitis-idaea</i> (roots)[104]
		<i>Peritassa campestris</i> (roots)[252]
		<i>Salacia amplifolia</i> (roots)[259]
		<i>Salacia crassifolia</i> (root barks)[103]
		<i>Salacia impressifolia</i> (trunk and twigs)[285]
		<i>Salacia macrophylla</i> (roots)[291]
Q18	Netzahualcoyondiol	<i>Cheiloclinium cognatum</i> (root barks)[109,115]
Q19	Netzahualcoyonol	<i>Cheiloclinium cognatum</i> (root barks)[109]
		<i>Salacia crassifolia</i> (roots)[75,243]
		<i>Salacia macrophylla</i> (roots)[291]
		<i>Salacia petenensis</i> (barks)[64]
Q20	Pristimerin	<i>Celastrus monospermus</i> (roots)[35]
		<i>Cheiloclinium cognatum</i> (root barks)[109,115]
		<i>Cheiloclinium hippocratioides</i> (root barks)[138]
		<i>Crossopetalum uragoga</i> (stems)[126]
		<i>Gymnosporia heterophylla</i> (aerial parts)[117]
		<i>Hippocratea excelsa</i> (root barks, stem barks)[96,213,292]
		<i>Maytenus acanthophylla</i> (roots)[288]
		<i>Maytenus apurimacensis</i> (roots)[160]
		<i>Maytenus chiapensis</i> (root barks)[293]
		<i>Maytenus chubutensis</i> (root barks)[118]
		<i>Maytenus distichophylla</i> (roots)[280]
		<i>Maytenus ilicifolia</i> (root barks; roots)[128,294]
		<i>Maytenus magellanica</i> (root barks)[118,126]
		<i>Maytenus salicifolia</i> (root barks)[105]
		<i>Maytenus vitis-idaea</i> (roots)[104]
		<i>Mortonia greggii</i> (roots)[295]
		<i>Peritassa campestris</i> (roots)[252]
		<i>Salacia amplifolia</i> (roots)[259]
		<i>Salacia crassifolia</i> (root barks; roots)[75,103,243,296]
		<i>Salacia impressifolia</i> (root barks, trunk and twigs)[285]
		<i>Salacia leptoclada</i> (root barks)[297]
		<i>Salacia macrophylla</i> (roots)[291]
		<i>Salacia nitida</i> (lianas)[263]
		<i>Siphonodon celastrineus</i> (root barks)[197]
Q21	Tingenol	<i>Cheiloclinium cognatum</i> (root barks)[115]
		<i>Peritassa campestris</i> (roots)[298]
Q22	Tingenone (Maytein)	<i>Cheiloclinium cognatum</i> (root barks)[109,115]
		<i>Crossopetalum uragoga</i> (stems)[126]

Tabela S1: Pentacyclic triterpenoids isolated from Celastraceae species (2001-2021).

Name		Species (plant part) Reference
		<i>Elaeodendron croceum</i> (leaves)[287]
		<i>Hippocratea excelsa</i> (root barks)[96,213]
		<i>Maytenus acanthophylla</i> (roots)[288]
		<i>Maytenus apurimacensis</i> (roots)[160]
		<i>Maytenus chiapensis</i> (root barks)[293]
		<i>Maytenus gonoclada</i> (root barks, roots)[257,299]
		<i>Maytenus guianensis</i> (stem barks, bark)[261,262,289,300]
		<i>Maytenus ilicifolia</i> (roots, root barks)[128,294]
		<i>Maytenus imbricata</i> (roots)[123]
		<i>Maytenus magellanica</i> (root barks)[126]
		<i>Maytenus salicifolia</i> (root barks)[105]
		<i>Maytenus spinosa</i> (roots)[104]
		<i>Maytenus vitis-idaea</i> (roots)[104]
		<i>Peritassa campestris</i> (roots)[252]
		<i>Salacia chinensis</i> (stems)[39]
		<i>Salacia crassifolia</i> (roots)[75]
		<i>Salacia impressifolia</i> (trunk and twigs, root barks)[4,285]
		<i>Salacia nitida</i> (lianas)[263]
		<i>Salacia petenensis</i> (barks)[64]
AROMATICS		
A1	3-Methoxy-4-deoxy-7,8-dihydrozeylasterone	<i>Gymnosporia heterophylla</i> (aerial parts)[117]
A2	22 β -Hydroxyisotingenone III	<i>Glyptopetalum sclerocarpum</i> (pericarp)[120]
A3	3-Methoxy-6-oxopristimerol	<i>Maytenus chubutensis</i> (root barks)[118]
A4	3-Methoxy-6-oxotingenol	<i>Maytenus canariensis</i> (root barks)[301]
A5	6-Deoxoblepharodol	<i>Maytenus blepharodes</i> (root barks)[119,301]
A6	6-Oxo-20-hydroxy-20- <i>epi</i> -tingenol	<i>Glyptopetalum sclerocarpum</i> (pericarp)[120]
A7	6-Oxoisoiguesterin	<i>Salacia madagascariensis</i> (roots)[106]
A8	6-Oxoiguesterol	<i>Maytenus canariensis</i> (root barks)[301]
A9	6-Oxopristimerol	<i>Cheiloclinium hippocratioides</i> (root barks)[138]
		<i>Maytenus apurimacensis</i> (roots)[160]
		<i>Maytenus blepharodes</i> (root barks)[119]
		<i>Maytenus canariensis</i> (root barks)[301]
		<i>Maytenus chubutensis</i> (root barks)[118]
		<i>Maytenus ilicifolia</i> (roots)[128]
		<i>Maytenus magellanica</i> (root barks)[118]
		<i>Salacia crassifolia</i> (root barks, roots)[103,243]
A10	6-Oxotingenol	<i>Maytenus canariensis</i> (root barks)[301]
		<i>Maytenus imbricata</i> (roots)[123]
A11	7 α -Hydroxyblepharodol	<i>Cheiloclinium hippocratioides</i> (root barks)[138]
		<i>Maytenus blepharodes</i> (root barks)[301]

Tabela S1: Pentacyclic triterpenoids isolated from Celastraceae species (2001-2021).

Name	Species (plant part)	Reference
A12 7-Hydroxy-6-oxopristimerol	<i>Maytenus blepharodes</i> (root barks)	[119,301]
	<i>Salacia amplifolia</i> (roots)	[259]
	<i>Salacia macrophylla</i> (roots)	[291]
A13 7-Oxoblepharodol	<i>Cheiloclinium hippocratioides</i> (root barks)	[138]
	<i>Maytenus blepharodes</i> (root barks)	[119,301]
A14 Blepharodol	<i>Cheiloclinium hippocratioides</i> (root barks)	[138]
	<i>Maytenus apurimacensis</i> (roots)	[160]
	<i>Maytenus blepharodes</i> (root barks)	[301]
	<i>Maytenus magellanica</i> (root barks)	[126]
A15 Blepharodin	<i>Maytenus magellanica</i> (root barks)	[126]
A16 Blepharotriol	<i>Maytenus blepharodes</i> (root barks)	[119,301]
A17 Canarol (7,8-dihydro-6-oxoiguesterol)	<i>Maytenus canariensis</i> (root barks)	[301]
A18 Cognatine	<i>Cheiloclinium cognatum</i> (root barks)	[109]
A19 Demethylzeylasteral	<i>Maytenus blepharodes</i> (root barks, roots)	[119,301,302]
	<i>Tripterygium wilfordii</i> (roots)	[303]
A20 Demethylzeylasterone	<i>Maytenus blepharodes</i> (root barks)	[119,301]
A21 Isoblepharodol	<i>Cheiloclinium hippocratioides</i> (root barks)	[138]
	<i>Maytenus blepharodes</i> (root barks)	[119]
A22 Milicifoline A	<i>Maytenus ilicifolia</i> (roots)	[128]
A23 Regeol A	<i>Salacia amplifolia</i> (roots)	[259]
	<i>Salacia chinensis</i> (stems)	[39]
	<i>Salacia impressifolia</i> (trunk and twigs)	[286]
A24 Salaquinone B	<i>Salacia chinensis</i> (trunk)	[39]
A25 Triptotin F	<i>Tripterygium wilfordii</i> (roots)	[130]
A26 Triptotin G	<i>Tripterygium wilfordii</i> (roots)	[130]
A27 Wilforol B	<i>Celastrus orbiculatus</i> (root barks)	[139]
A28 Zeylasteral	<i>Maytenus apurimacensis</i> (roots)	[160]
	<i>Maytenus blepharodes</i> (root barks, roots)	[301,302]
A29 Zeylasterone	<i>Maytenus apurimacensis</i> (roots)	[160]
	<i>Maytenus blepharodes</i> (root barks)	[301]
DIMERS		
D1 6',7'-Dihydroscutionin α B	<i>Maytenus blepharodes</i> (root barks)	[133]
	<i>Maytenus magellanica</i> (roots)	[133]
D2 6',7'-Dihydroisocangorosin A	<i>Maytenus apurimacensis</i> (roots)	[160]
D3 6' β -Methoxy-6',7'-dihydroxoscutionin α B	<i>Maytenus blepharodes</i> (root barks)	[133]
	<i>Maytenus magellanica</i> (roots)	[133]
D4 7,8-Dihydroscutidin Ba	<i>Maytenus ilicifolia</i> (roots)	[128]
D5 7,8-Dihydroscutionin A α	<i>Cheiloclinium hippocratioides</i> (root barks)	[138]
D6 7,8-Dihydroisoxuxuarine E α	<i>Maytenus ilicifolia</i> (roots)	[128]
	<i>Maytenus spinosa</i> (roots)	[104]

Tabela S1: Pentacyclic triterpenoids isolated from Celastraceae species (2001-2021).

	Name	Species (plant part) Reference
D7	7,8-Dihydroisoxuxuarine F α	<i>Maytenus chuchuhuasca</i> (root barks)[136]
D8	7,8-Dihydroisoxuxuarine G α	<i>Maytenus chuchuhuasca</i> (root barks)[136]
D9	7,8-Dihydroisoxuxuarine H α	<i>Maytenus chuchuhuasca</i> (root barks)[137]
D10	7,8-Dihydroisoxuxuarine I α	<i>Maytenus chuchuhuasca</i> (root barks)[137]
D11	7',8'-Dihydroxuxuarine A α	<i>Maytenus chuchuhuasca</i> (root barks)[136]
D12	7',8'-Dihydroxuxuarine D β	<i>Maytenus chuchuhuasca</i> (root barks)[136]
D13	7 α -Hydroisoxuxuarine E α	<i>Maytenus chuchuhuasca</i> (root barks)[136]
D14	Cangorosin A	<i>Cheiloclinium hippocratioides</i> (root barks)[138]
D15	Caryopristerimerin	<i>Salacia crassifolia</i> (roots)[75,243]
D16	Cheilocline A	<i>Cheiloclinium hippocratioides</i> (root barks)[138]
D17	Cheilocline B	<i>Cheiloclinium hippocratioides</i> (root barks)[138]
D18	Cheilocline C	<i>Cheiloclinium hippocratioides</i> (root barks)[138]
D19	Cheilocline D	<i>Cheiloclinium hippocratioides</i> (root barks)[138] <i>Maytenus ilicifolia</i> (roots)[128]
D20	Cheilocline E	<i>Cheiloclinium hippocratioides</i> (root barks)[138]
D21	Cheilocline F	<i>Cheiloclinium hippocratioides</i> (root barks)[138]
D22	Cheilocline G	<i>Cheiloclinium hippocratioides</i> (root barks)[138]
D23	Cheilocline H	<i>Cheiloclinium hippocratioides</i> (root barks)[138]
D24	Cheilocline I	<i>Cheiloclinium hippocratioides</i> (root barks)[138]
D25	Celastrolin A α	<i>Celastrus orbiculatus</i> (root barks)[139]
D26	Celastrolin A β	<i>Celastrus orbiculatus</i> (root barks)[139]
D27	Celastrolin B α	<i>Celastrus orbiculatus</i> (root barks)[139]
D28	Celastrolin B β	<i>Celastrus orbiculatus</i> (root barks)[139]
D29	Scutionin A α	<i>Cheiloclinium hippocratioides</i> (root barks)[138]
D30	Scutionin B α	<i>Maytenus blepharodes</i> (root barks)[133] <i>Maytenus magellanica</i> (roots)[133]
D31	Isocangorosin A	<i>Cheiloclinium hippocratioides</i> (root barks)[138]
D32	Isocelastrolin A α	<i>Celastrus orbiculatus</i> (root barks)[139]
D33	Isoxuxuarine E β	<i>Maytenus chuchuhuasca</i> (root barks)[136]
D34	Isoxuxuarine F α (Cangorosin B)	<i>Maytenus chuchuhuasca</i> (root barks)[136]
D35	Isoxuxuarine G β	<i>Maytenus chuchuhuasca</i> (root barks)[136]
D36	Isoxuxuarine H α	<i>Maytenus chuchuhuasca</i> (root barks)[137]
D37	Milicifoline B	<i>Maytenus ilicifolia</i> (roots)[128]
D38	Milicifoline C	<i>Maytenus ilicifolia</i> (roots)[128]
D39	Milicifoline D	<i>Maytenus ilicifolia</i> (roots)[128]
D40	Xuxuarine E β	<i>Hippocratea excelsa</i> (root barks)[96]
D41	Xuxuarine F α	<i>Maytenus chuchuhuasca</i> (root barks)[136]
D42	Xuxuarine H α	<i>Maytenus chuchuhuasca</i> (root barks)[137]
D43	Xuxuarine H β	<i>Maytenus chuchuhuasca</i> (root barks)[137]
D44	Xuxuarine I α	<i>Maytenus chuchuhuasca</i> (root barks)[137]

Tabela S1: Pentacyclic triterpenoids isolated from Celastraceae species (2001-2021).

Name		Species (plant part) Reference
D45	Xuxuarine I β	<i>Maytenus chuchuhuasca</i> (root barks)[137]
D46	Xuxuarine Ja	<i>Maytenus chuchuhuasca</i> (root barks)[137]
D47	Xuxuarine Ka	<i>Maytenus chuchuhuasca</i> (root barks)[137]
D48	Xuxuasine A	<i>Maytenus chuchuhuasca</i> (root barks)[141]
D49	Xuxuasine B	<i>Maytenus chuchuhuasca</i> (root barks)[141]
D50	Truncatin	<i>Maytenus truncata</i> (roots)[142]
LUPANES		
L1	(20R)-3 β -Hydroxy-lupan-29-al (29-oxo-lupanol)	<i>Euonymus alatus</i> (branches)[145]
L2	(20S)-3 β -Hydroxy-lupan-30-al (30-oxo-lupanol)	<i>Euonymus alatus</i> (branches)[145]
L3	11 α ,28-Dihydroxy-lup-20(29)-en-3-one	<i>Maytenus cuzcoina</i> (root barks)[146]
L4	11 α -Hydroxy-lup-1,20(29)-dien-3-one (11 α -Hydroxy-glochidone)	<i>Maytenus cuzcoina</i> (root barks)[146] <i>Maytenus salicifolia</i> (root barks)[105]
L5	11 α -Hydroxy-lup-20(29)-en-3-one (Rigidenol)	<i>Cassine xylocarpa</i> (caules)[146] <i>Maytenus acanthophylla</i> (stem barks)[288] <i>Maytenus cuzcoina</i> (root barks)[151] <i>Maytenus distichophylla</i> (roots)[280] <i>Maytenus imbricata</i> (branches, roots)[123,148] <i>Maytenus salicifolia</i> (root barks)[105]
L6	16 β -Hydroxy-lup-20(29)-en-3-one	<i>Maytenus elaeodendroides</i> (branches)[149] <i>Maytenus chiapensis</i> (leaves)[151] <i>Salacia chinensis</i> (leaves)[258]
L7	17 β -Hydroxy-28-nor-lup-20(29)-en-3-one	<i>Euonymus alatus</i> (branches)[145]
L8	1 α -Hydroxy-lup-20(29)-en-3-one (Glochidonol)	<i>Maytenus cuzcoina</i> (root barks)[151] <i>Maytenus chiapensis</i> (leaves)[151] <i>Maytenus salicifolia</i> (root barks)[105]
L9	21 β -Hydroxy-lup-20(29)-en-3-one (Salacianol)	<i>Salacia chinensis</i> (stems)[14]
L10	24,28-Dihydroxy-lup-20(29)-en-3-one	<i>Maytenus chiapensis</i> (leaves)[151]
L11	28,30-Dihydroxy-lup-20(29)-en-3-one	<i>Euonymus alatus</i> (branches)[157] <i>Maytenus chiapensis</i> (leaves)[151] <i>Microtropis fokienensis</i> (stems)[153]
L12	28-Hydroxy-3-oxo-lup-20(29)-en-30-al	<i>Microtropis fokienensis</i> (stems)[153]
L13	28-Hydroxy-lup-1,20(29)-dien-3-one (28-Hydroxy-glochidone)	<i>Maytenus cuzcoina</i> (root barks)[151]
L14	28-Hydroxy-lup-20(29)-3-one (Betulone)	<i>Euonymus alatus</i> (branches)[157] <i>Maytenus chiapensis</i> (leaves)[151] <i>Maytenus cuzcoina</i> (root barks)[146,151] <i>Cassine transvaalensis</i> [304] <i>Maytenus elaeodendroides</i> (branches)[149]

Tabela S1: Pentacyclic triterpenoids isolated from Celastraceae species (2001-2021).

Name		Species (plant part) Reference
		<i>Salacia chinensis</i> (leaves)[258]
L15	29-nor-Lupan-3,20-dione	<i>Maytenus erythroxylon</i> (aerial parts)[273] <i>Salacia chinensis</i> (leaves, stems)[14,258]
L16	30-Hydroxy-lup-20(29)-en-3-one	<i>Cassine xylocarpa</i> (stems)[146] <i>Maytenus distichophylla</i> (roots)[280] <i>Maytenus erythroxylon</i> (aerial parts)[273] <i>Maytenus imbricata</i> (branches)[148] <i>Maytenus salicifolia</i> (root barks)[105] <i>Microtropis fokienensis</i> (stems)[153] <i>Mortonia greggii</i> (leaves)[271] <i>Salacia chinensis</i> (leaves, stems)[14,258]
L17	3 α -Hydroxy-lup-20(29)-en-28,19-olide (3-epi-Thurberogenin)	<i>Microtropis fokienensis</i> (stems)[153]
L18	3-Oxo-11 α -hydroxy-lup-20(29)-en-28-al	<i>Maytenus cuzcoina</i> (root barks)[151]
L19	3-Oxo-lup-1,20(29)-dien-28-al	<i>Maytenus cuzcoina</i> (root barks)[151]
L20	3-Oxo-lup-20(29)-en-30-al	<i>Cassine xylocarpa</i> (stems)[146] <i>Maytenus imbricata</i> (branches)[148] <i>Maytenus spinosa</i> (roots)[104]
L21	3 α ,28-Dihydroxy-lup-20(29)-en-2-one	<i>Salacia hainanensis</i> (roots)[73]
L22	3 α -Acetyloxy-28-hydroxy-29-norlup-18(19)-en-20-one	<i>Euonymus carnosus</i> (stems)[154]
L23	3 α -Acetyloxy-lup-20(29)-en-30-al	<i>Euonymus carnosus</i> (stems)[154]
L24	3 α -Hydroxy-lup-20(29)-en-28-al	<i>Maytenus cuzcoina</i> (root barks)[151] <i>Microtropis fokienensis</i> (stems)[153]
L25	3 α -Hydroxy-lup-20(29)-en-2-one	<i>Salacia hainanensis</i> (roots)[73]
L26	3 β -(E)-p-Coumaroyloxy-lup-20(29)-en-28-ol [3 β -(E)-p-coumaroyloxybetulin]	<i>Maytenus macrocarpa</i> (branches)[204]
L27	3 β -(Z)-p-Coumaroyloxy-lup-20(29)-en-28-ol [3 β -(Z)-p-coumaroyloxybetulin]	<i>Maytenus macrocarpa</i> (branches)[204]
L28	3 β ,17 β -Dihydroxy-28,29-bisnorlupan-20-one	<i>Euonymus alatus</i> (branches)[145]
L29	3 β ,25-Oxido-25-methoxy-lup-20(29)-ene	<i>Siphonodon celastrineus</i> (stems)[54]
L30	3 β ,28-Dihydroxy-29-nor-lupan-20-one (Messagenin)	<i>Euonymus alatus</i> (branches)[157] <i>Maytenus chiapensis</i> (leaves)[151]
L31	3 β ,28-Dihydroxy-lup-20(29)-en-2-one	<i>Salaca impressifolia</i> (stems, branches)[285]
L32	3 β ,30-Dihydroxy-lup-20(29)-en-28-al	<i>Euonymus alatus</i> (branches)[145]
L33	3 β ,7 β -Dihydroxy-lup-20(29)-en-28-oic acid methyl ester (7 β -Hydroxymethyl betulinate)	<i>Microtropis fokienensis</i> (stems)[153]
L34	3 β -Acetyloxy-lup-20(29)-en-1 β -ol	<i>Gymnosporia heterophylla</i> (aerial parts)[117]
L35	3 β -caffeoyloxy-lup-20(29)-en-28-ol (3 β -caffeoyloxybetulin)	<i>Maytenus chiapensis</i> (leaves)[151] <i>Maytenus cuzcoina</i> (root barks)[146,151]

Tabela S1: Pentacyclic triterpenoids isolated from Celastraceae species (2001-2021).

Name		Species (plant part) Reference
		<i>Maytenus macrocarpa</i> (branches)[204]
L36	3 β -caffeoyloxy-1 β -hydroxy-lup-20(29)-ene	<i>Maytenus apurimacensis</i> (roots)[160]
L37	3 β -caffeoyloxy-lup-20(29)-ene	<i>Maytenus chiapensis</i> (leaves)[151]
		<i>Maytenus cuzcoina</i> (root barks)[146,151]
L38	3 β -lup-20(29)-en-3-yl stearate	<i>Maytenus salicifolia</i> (leaves)[161]
L39	3 β -Hydroxy-20-oxo-29- <i>nor</i> -lupan-28-al	<i>Euonymus alatus</i> (branches)[145]
L40	3 β -Hydroxy-29- <i>nor</i> -lupan-20-one	<i>Euonymus alatus</i> (branches)[145]
		<i>Salacia chinensis</i> (leaves, stems)[14,258]
L41	3 β -Hydroxy-lup-20(29)-en-2-one	<i>Salacia impressifolia</i> (stems, branches)[285]
L42	3 β -Hydroxy-lup-20(29)-en-28-al	<i>Maytenus cuzcoina</i> (root barks)[151]
		<i>Maytenus chiapensis</i> (leaves)[151]
L43	3 β -Hydroxy-lup-20(29)-en-30-al (30-oxo-lupeol)	<i>Euonymus alatus</i> (branches)[145]
L44	6 β ,20-Dihydroxy-lupan-3-one	<i>Cassine xylocarpa</i> (branches)[146]
L45	6 β ,28-Dihydroxy-lup-20(29)-en-3-one	<i>Maytenus chiapensis</i> (leaves)[151]
L46	6 β ,30-Dihydroxy-lup-20(29)-en-3-one	<i>Cassine xylocarpa</i> (stems)[146]
L47	6 β -Hydroxy-3-oxo-lup-20(29)-en-30-al	<i>Cassine xylocarpa</i> (stems)[146]
L48	3 β -Acetyloxy-lup-20(29)-ene	<i>Maytenus acanthophylla</i> (leaves)[165]
L49	2,3- <i>Seco</i> -lup-20(29)-en-2,3-dioic acid	<i>Salacia hainanensis</i> (roots)[73]
L50	30-Hydroxy-2,3- <i>seco</i> -lup-20(29)-en-2,3-dioc acid	<i>Microtropis fokienensis</i> (stems)[153]
L51	3-Oxo-23-hydroxy-lup-20(29)-en-28-oic acid	<i>Celastrus orbiculatus</i> (stems)[166]
L52	3-Oxo-6 β -hydroxy-lup-20(29)-en-28-oic acid	<i>Maytenus chiapensis</i> (leaves)[151]
L53	3-Oxo-lup-20(29)-en-28-oic acid (Betulonic acid)	<i>Maytenus elaeodendroides</i> (barks)[149]
		<i>Salacia chinensis</i> (stems)[14]
L54	3-Oxo-lup-20(29)-en-30-oic acid	<i>Cassine xylocarpa</i> (stems)[146]
L55	3,4- <i>Seco</i> -28-methyloxycarbonyl-lup-4(23):20(29)-diene-3-oic acid	<i>Maytenus magellanica</i> (root barks)[118]
L56	3 α -Hydroxy-7 β -seneciioxyloxy-lup-20(29)-en-28-oic acid (7 β -seneciioyl-3- <i>epi</i> -betulinic acid)	<i>Microtropis fokienensis</i> (stems)[153]
L57	3 α -Hydroxy-lup-20(29)-en-30-oic acid	<i>Euonymus carnosus</i> (stems)[154]
L58	3 α -Hydroxy-lup-20(29)-en-28-oic acid (Betulinic acid 3- <i>epi</i>)	<i>Maytenus cuzcoina</i> (root barks)[151]
		<i>Microtropis fokienensis</i> (stems)[153]
L59	3 β -Hydroxy-lup-20(29)-en-28-oic acid (Betulinic acid)	<i>Euonymus alatus</i> (branches, stems)[169,305]
		<i>Euonymus grandiflorus</i> (leaves, branches)[306]
		<i>Maytenus cuzcoina</i> (root barks)[151]
		<i>Microtropis fokienensis</i> (stems)[153]
		<i>Salacia chinensis</i> (leaves)[258]
L60	3 β -Methoxy-lup-20(29)-en-28-oic acid	<i>Microtropis fokienensis</i> (stems)[153]
L61	Lup-1,20(29)-dien-3-one	<i>Cassine xylocarpa</i> (stems)[146]

Tabela S1: Pentacyclic triterpenoids isolated from Celastraceae species (2001-2021).

Name		Species (plant part) Reference
	(Glochidone)	<i>Maytenus chiapensis</i> (leaves)[151] <i>Maytenus cuzcoina</i> (root barks)[146,151] <i>Maytenus salicifolia</i> (root barks)[105]
L62	Lup-20(29)-en-3 β ,30-diol (30-Hydroxylupeol)	<i>Cassine xylocarpa</i> (branches)[146] <i>Euonymus alatus</i> (branches)[145] <i>Maytenus imbricata</i> (stems, branches)[148,307] <i>Maytenus rigida</i> (branche barks)[282] <i>Maytenus salicifolia</i> (roots)[9] <i>Microtropis fokienensis</i> (stems)[153] <i>Microtropis triflora</i> (stalks)[84,270] <i>Mortonia greggii</i> (roots, leaves)[271] <i>Salacia chinensis</i> (leaves, stems)[14,258]
L63	Lup-20(29)-en-1 β ,3 α ,28-triol	<i>Maytenus cuzcoina</i> (root barks)[146]
L64	Lup-20(29)-en-1 β ,3 α -diol (glochidiol)	<i>Maytenus apurimacensis</i> (roots)[160] <i>Maytenus chiapensis</i> (leaves) [151] <i>Maytenus cuzcoina</i> (root barks)[146,151]
L65	Lup-20(29)-en-1 β ,3 β -diol (3- <i>epi</i> -glochidiol)	<i>Cassine xylocarpa</i> (branches)[146] <i>Gymnosporia heterophylla</i> (aerial parts)[117] <i>Maytenus apurimacensis</i> (roots)[160] <i>Maytenus chiapensis</i> (leaves)[151] <i>Maytenus cuzcoina</i> (root barks)[151] <i>Maytenus heterophylla</i> (leaves)[82] <i>Maytenus salicifolia</i> (root barks)[105] <i>Microtropis triflora</i> (stalks)[84]
L66	Lup-20(29)-en-2 β ,3 β -diol	<i>Salacia impressifolia</i> (stems, branches)[285]
L67	Lup-20(29)-en-3,21-dione	<i>Salacia hainanensis</i> (roots)[73]
L68	Lup-20(29)-en-3-one (Lupenone)	<i>Euonymus alatus</i> (stems, branches)[145,157,305] <i>Glyptopetalum calocarpum</i> (leaves)[308] <i>Maytenus chiapensis</i> (leaves)[151] <i>Maytenus cuzcoina</i> (root barks)[151] <i>Maytenus salicifolia</i> (root barks)[105] <i>Microtropis triflora</i> (stems)[270]
L69	Lup-20(29)-en-3 α ,11 α ,28-triol	<i>Maytenus cuzcoina</i> (root barks)[151]
L70	Lup-20(29)-en-3 α ,11 α -diol (3- <i>epi</i> -nepeticin)	<i>Maytenus cuzcoina</i> (root barks)[146]
L71	Lup-20(29)-en-3 α ,28-diol (3- <i>epi</i> -betulin)	<i>Maytenus cuzcoina</i> (root barks)[146,151] <i>Maytenus chiapensis</i> (leaves)[151] <i>Microtropis fokienensis</i> (stems)[153]
L72	Lup-20(29)-en-3 α -ol (3- <i>epi</i> -lupeol)	<i>Euonymus alatus</i> (stems)[305]
L73	Lup-20(29)-en-3 β ,11 α -diol (Nepeticin)	<i>Maytenus imbricata</i> (roots)[123] <i>Maytenus cuzcoina</i> (root barks)[146,151]

Tabela S1: Pentacyclic triterpenoids isolated from Celastraceae species (2001-2021).

Name		Species (plant part) Reference
		<i>Maytenus macrocarpa</i> (branches)[204]
		<i>Maytenus salicifolia</i> (root barks)[105]
L74	Lup-20(29)-en-3 β ,15 α -diol	<i>Salacia chinensis</i> (leaves)[258]
L75	Lup-20(29)-en-3 β ,16 β -diol	<i>Maytenus elaeodendroides</i> (branches)[149]
L76	Lupan-3 β ,20-diol	<i>Salacia chinensis</i> (leaves)[258]
L77	Lup-20(29)-en-3 β ,25-diol (25-Hydroxylupeol)	<i>Maytenus cuzcoina</i> (roots)[146]
L78	Lup-20(29)-en-3 β ,28,30-triol	<i>Euonymus alatus</i> (branches)[145,157]
L79	Lup-20(29)-en-3 β ,28-diol (Betulin)	<i>Cassine transvaalensis</i> [304] <i>Euonymus alatus</i> (branches)[145,157,169] <i>Gymnosporia montana</i> (leaves)[309] <i>Maytenus boaria</i> (leaves)[310] <i>Maytenus chiapensis</i> (leaves)[151] <i>Maytenus cuzcoina</i> (root barks)[146,151] <i>Maytenus rigida</i> (stem barks)[282] <i>Maytenus salicifolia</i> (roots)[9] <i>Salacia chinensis</i> (leaves)[258] <i>Salacia staudtiana</i> (root barks)[278]
L80	Lup-20(29)-en-3 β ,30-diol	<i>Cassine xylocarpa</i> (root barks)[146] <i>Maytenus imbricata</i> (branches, roots)[148,307] <i>Microtropis fokienensis</i> (leaves)[153,189] <i>Microtropis triflora</i> (stems)[270]
L81	Lup-20(29)-en-3 β ,6 β -diol	<i>Maytenus chiapensis</i> (leaves)[151]
L82	Lup-20(29)-en-3 β -ol (Lupeol)	<i>Euonymus alatus</i> (branches, stems)[145,157,169,305] <i>Glyptopetalum calocarpum</i> (leaves)[308] <i>Gymnosporia heterophylla</i> (aerial parts)[117] <i>Maytenus acanthophylla</i> (leaves)[165] <i>Maytenus apurimacensis</i> (roots)[160] <i>Maytenus boaria</i> (leaves)[310] <i>Maytenus chiapensis</i> (leaves)[151] <i>Maytenus cuzcoina</i> (root barks)[146,151] <i>Maytenus gonoclada</i> (branches)[37] <i>Maytenus phyllanthoides</i> (leaves)[311] <i>Maytenus salicifolia</i> (fruits, root barks, roots, leaves)[9,105,235,283] <i>Microtropis fokienensis</i> (stems)[153] <i>Microtropis triflora</i> (caules, stalks)[84,270] <i>Mortonia greggii</i> (roots, leaves)[271] <i>Salacia impressifolia</i> (stems, branches)[285]
L83	Lup-20(29)-en-3 β ,23,30-triol	<i>Euonymus alatus</i> (branches)[145]
L84	Lupan-3 β ,6 β ,20-triol	<i>Cassine xylocarpa</i> (stems)[146]

Tabela S1: Pentacyclic triterpenoids isolated from Celastraceae species (2001-2021).

	Name	Species (plant part) Reference
L85	Lup-20(29)-en-3 β ,6 β ,28-triol	<i>Maytenus chiapensis</i> (leaves)[151]
L86	3-Oxo-lup-20(29)-en-30,21-olide (Ochraceolideo A)	<i>Cassine xylocarpa</i> (branches)[146] <i>Elaeodendron trichotomum</i> (stem barks)[312]
L87	3 β -Hydroxy-lup-20(29)-en-28,19-olide (Thurberogenina)	<i>Microtropis fokienensis</i> (stems)[153]
L88	3-Oxo-lup-20(29)-en-28,19-olide (Thurberogenona)	<i>Microtropis fokienensis</i> (stems)[153]
L89	Lup-20(29)-eno (α -Lupene)	<i>Glyptopetalum calocarpum</i> (leaves)[308]
OLEANANES		
O1	11 α ,12 α -Epoxy-3-oxo-oleanan-13 β ,28-olideo (Liquidambaric lactone)	<i>Euonymus grandiflorus</i> (leaves, branches)[306]
O2	11 α ,12 α -Epoxy-3 α ,30-dihydroxy-oleanan-13 β ,28-olide	<i>Maytenus diversifolia</i> (aereal parts)[185]
O3	11 α -Hydroxy-olean-12-en-3-one	<i>Maytenus cuzcoina</i> (root barks)[68]
O4	11 α -Methoxy-olean-12-en-3-one	<i>Euonymus alatus</i> (branches)[157] <i>Maytenus spinosa</i> (roots)[104]
O5	11 α -Methoxy-olean-12-en-3 α ,21 β -diol	<i>Hippocratea excelsa</i> (stem barks)[187]
O6	11 α -Methoxy-olean-12-en-3 β -ol	<i>Siphonodon celastrineus</i> (stems)[54]
O7	11 β ,21 β -Dihydroxy-olean-12-en-3-one	<i>Hippocratea excelsa</i> (stem barks)[187]
O8	11 β -Hydroxy-olean-12-en-3-one	<i>Hippocratea excelsa</i> (stem barks)[187]
O9	13 β ,28-Oxido-30-hydroxy-olean-11-en-3-one (Microfokienoxane D)	<i>Microtropis fokienensis</i> (leaves)[189]
O10	1 α ,3 β -Dihydroxy-olean-12-en-11-one	<i>Microtropis fokienensis</i> (stems)[190]
O11	21 α -Hydroxy-olean-18-en-3-one	<i>Cassine xylocarpa</i> (stems)[191]
O12	21 β ,28-Dihydroxy-29- <i>nor</i> -olean-12,20(30)-dien-3-one	<i>Tripterygium wilfordii</i> (roots)[61]
O13	21 β -Hydroxy-olean-12-en-3-one	<i>Hippocratea excelsa</i> (root barks, stem barks)[96,187] <i>Tripterygium hypoglaucum</i> (aereal parts)[313]
O14	28-Hydroxy-olean-12-en-3,11-dione (Krukovines A)	<i>Euonymus carnosus</i> (stems)[154]
O15	22 α -Hydroxy-3 β -tetradecanoyloxy-olean-12-en-29-oic acid methyl ester	<i>Maytenus cuzcoina</i> (root barks)[68]
O16	29-Hydroxy-olean-18-en-3-one	<i>Cassine xylocarpa</i> (stems)[191]
O17	2 α ,3 β ,11 α ,13 β -Tetrahydroxy-olean-12-one	<i>Siphonodon celastrineus</i> (stems)[193]
O18	2 α ,3 β ,19 α ,24-Tetrahydroxy-olean-12-en-28-oic acid 28-O- β -D-glucopyranosyl-(1 \rightarrow 2)- β -D-glucopyranoside	<i>Salacia cochinchinensis</i> (leaves, branches)[194]

Tabela S1: Pentacyclic triterpenoids isolated from Celastraceae species (2001-2021).

	Name	Species (plant part) Reference
O19	2 α ,3 β ,24-Trihydroxy-olean-12-en-28-oic acid 28-O- β -D-glucopyranosyl-(1 \rightarrow 2)- β -D-glucopyranoside	<i>Salacia cochinchinensis</i> (leaves, branches)[194]
O20	2 α ,3 β -Dihydroxy-olean-12-en-22 α ,29-olide	<i>Tripterygium wilfordii</i> (roots)[61]
O21	3,4-Seco-1-hidroxi-21-oxo-olean-12-en-3,11-olide	<i>Gymnosporia heterophylla</i> (aereal parts)[117]
O22	30-Hydroxy-olean-12-en-3,11-dione	<i>Microtropis fokiensis</i> (stems)[190]
O23	3-Oxo-olean-12-en-22 α ,29-olide (Wilforlide B)	<i>Celastrus orbiculatus</i> (stems)[314] <i>Euonymus grandiflorus</i> (leaves, branches)[306] <i>Microtropis triflora</i> (stalks)[84] <i>Salacia amplifolia</i> (roots)[259] <i>Tripterygium hypoglaucum</i> (aereal parts)[313] <i>Tripterygium wilfordii</i> (roots)[92]
O24	3 α ,21 α -Dihydroxy-3 β ,25-oxido-olean-12-ene (Xyloketal)	<i>Cassine xylocarpa</i> (root barks)[196] <i>Celastrus vulcanicola</i> (root barks)[196]
O25	3 α ,28-Dihydroxy-olean-12-en-11-one	<i>Euonymus carnosus</i> (stems)[154]
O26	3 α -Acetyloxy-28-hydroxy-olean-12-en-11-one	<i>Euonymus carnosus</i> (stems)[154]
O27	3 β ,12-Dihydroxy-olean-12-en-11-one	<i>Siphonodon celastrineus</i> (stems)[54]
O28	3 β ,28-Dihydroxy-olean-18-en-1-one	<i>Microtropis fokiensis</i> (stems)[190]
O29	3 β -Acetyloxy-11 α -benzoyloxy-13 β -hydroxy-oleanan-12-one	<i>Siphonodon celastrineus</i> (root barks)[197]
O30	3 β -Caffeoyloxy-olean-12-ene	<i>Celastrus hypoleucus</i> (aereal parts)[198] <i>Crossopetalum uragoga</i> (stems)[126] <i>Maytenus magellanica</i> (root barks)[126]
O31	3 β -Caffeoyloxy-olean-9(11),12-diene	<i>Celastrus hypoleucus</i> (aereal parts)[198] <i>Crossopetalum uragoga</i> (stems)[126] <i>Maytenus magellanica</i> (root barks)[126]
O32	3 β -Olean-18-en-3-yl stearate	<i>Maytenus salicifolia</i> (leaves)[161]
O33	3 β -Olean-12-en-3-yl stearate	<i>Austroplenckia populnea</i> (leaves)[199] <i>Salacia crassifolia</i> (leaves)[43] <i>Salacia elliptica</i> (leaves)[265]
O34	3 β -Hydroxy-2-oxo-olean-12-en-22 α ,29-olide	<i>Celastrus orbiculatus</i> (stems)[166]
O35	13 β ,28-Oxido-olean-11(12)-en-3 β -ol	<i>Microtropis fokiensis</i> (leaves, stems)[153,189]
O36	3 β -Hydroxy-olean-12-en-11-one	<i>Maytenus cuzcoina</i> (root barks)[68]
O37	3 β -Hydroxy-olean-12-en-22 α ,29-olide (Abruslactona A; Regelide; Wilforlide A)	<i>Austroplenckia populnea</i> (roots)[276] <i>Celastrus orbiculatus</i> (stems)[314] <i>Euonymus alatus</i> (root barks)[269]

Tabela S1: Pentacyclic triterpenoids isolated from Celastraceae species (2001-2021).

Name		Species (plant part) Reference
		<i>Euonymus grandiflorus</i> (leaves, branches)[306]
		<i>Maytenus salicifolia</i> (root barks)[105]
		<i>Microtropis triflora</i> (stalks)[84]
		<i>Salacia amplifolia</i> (roots)[259]
		<i>Salacia crassifolia</i> (roots)[243]
		<i>Salacia nitida</i> (lianas)[263]
		<i>Tripterygium hypoglaucum</i> (aereal parts)[313]
		<i>Tripterygium wilfordii</i> (roots)[92,272]
O38	3 β -Hydroxy-olean-12-ene (β -amirin)	<i>Celastrus hypoleucus</i> (aereal parts)[198]
		<i>Cheiloclinium cognatum</i> (branches)[268]
		<i>Crossopetalum uragoga</i> (stems)[126]
		<i>Euonymus alatus</i> (root barks)[269]
		<i>Euonymus carnosus</i> (stems)[154]
		<i>Euonymus grandiflorus</i> (leaves, branches)[306]
		<i>Glyptopetalum calocarpum</i> (leaves)[308]
		<i>Hippocratea excelsa</i> (stem barks)[187]
		<i>Maytenus boaria</i> (leaves)[310]
		<i>Maytenus distichophylla</i> (leaves)[265]
		<i>Maytenus forsskaoliana</i> [281]
		<i>Maytenus magellanica</i> (root barks)[126]
		<i>Maytenus phyllanthoides</i> (leaves)[311]
		<i>Maytenus salicifolia</i> (fruits, leaves)[235,283]
		<i>Microtropis fokienensis</i> (stems)[153]
		<i>Microtropis triflora</i> (caules, stalks)[84,270]
		<i>Salacia amplifolia</i> (roots)[259]
		<i>Salacia chinensis</i> (stems)[39]
		<i>Salacia crassifolia</i> (leaves)[265]
		<i>Salacia hainanensis</i> (roots)[73]
		<i>Salacia impressifolia</i> (stems, branches)[285]
O39	3 β -olean-12-en-3-yl palmitate (β -Amirin palmitate)	<i>Microtropis triflora</i> (stalks)[84]
O40	6 β ,29-Dihydroxy-olean-18-en-3-one	<i>Cassine xylocarpa</i> (stems)[191]
O41	6 β -Hydroxy-olean-18-en-3-one	<i>Cassine xylocarpa</i> (stems)[191]
O42	7 β ,28-Dihydroxy-olean-12-en-3-one	<i>Euonymus carnosus</i> (stems)[154]
O43	11 α -Hydroxy-3-oxo-olean-12-en-29-oic acid	<i>Maytenus undata</i> (leaves)[284]
O44	11 α -Methoxy-3-oxo-olean-12-en-30-oic acid	<i>Maytenus undata</i> (leaves)[284]
O45	2,22 β -Dihydroxy-3-oxo-olean-1,12-dien- 29-oic acid	<i>Tripterygium wilfordii</i> (roots)[61]
O46	22 α -Hydroxy-3-oxo-olean-12-	<i>Maytenus macrocarpa</i> (bark)[204]

Tabela S1: Pentacyclic triterpenoids isolated from Celastraceae species (2001-2021).

Name	Species (plant part)	Reference
en-29-oic acid	<i>Salacia chinensis</i> (stems)	[39]
O47 22 α -Hydroxy-3-oxo-olean-12-en-30-oic acid (Macrocarpoic acid B)	<i>Maytenus macrocarpa</i> (bark)	[204]
O48 22 β -Hydroxy-3-oxo-olean-12-en-29-oic acid	<i>Maytenus macrocarpa</i> (bark)	[204]
O49 23-Hydroxy-3-oxo-olean-12-en-28-oic acid	<i>Celastrus orbiculatus</i> (stems)	[166]
	<i>Tripterygium hypoglaucum</i> (aerial parts)	[313]
O50 28-Hydroxy-3-oxo-olean-12-en-29-oic acid	<i>Tripterygium wilfordii</i> (roots)	[61]
O51 2 α ,3 β -Dihydroxy-olean-12-en-28-oic acid	<i>Euonymus alatus</i> (branches)	[157]
	<i>Euonymus grandiflorus</i> (leaves, branches)	[306]
	<i>Microtropis fokienensis</i> (stems)	[190]
O52 3,11 α -Dihydroxy-olean-12-en-30 oic acid	<i>Maytenus undata</i> (leaves)	[284]
O53 2,3- <i>Seco</i> -22 α ,29-lactone-3-methyloxycarbonyl-olean-12-ene-2-oic acid	<i>Tripterygium wilfordii</i> (roots)	[61]
O54 3-Oxo-24- <i>nor</i> -olean-12-en-28-oic acid	<i>Celastrus orbiculatus</i> (stems)	[166]
O55 3-Oxo-olean-12-en-28-oic acid	<i>Celastrus orbiculatus</i> (stems)	[166]
O56 3-Oxo-olean-12-en-30-oic acid (Catononic acid)	<i>Austroplenckia populnea</i> (stems)	[315]
O57 3 α ,22 β -Dihydroxy-olean-12-en-29-oic acid	<i>Euonymus grandiflorus</i> (leaves, branches)	[306]
	<i>Maytenus royleanus</i> (roots)	[209]
	<i>Salacia nitida</i> (leaves)	[263]
O58 3 α ,28-Dihydroxy-olean-12-en-29-oic acid	<i>Tripterygium hypoglaucum</i> (aerial parts)	[313]
	<i>Tripterygium wilfordii</i> (roots)	[61]
O59 3 α ,29-Dihydroxy-olean-12-en-28-oic acid	<i>Tripterygium hypoglaucum</i> (aerial parts)	[313]
O60 3 α ,30-Dihydroxy-olean-12-en-28-oic acid	<i>Maytenus diversifolia</i> (aerial parts)	[185]
O61 3 α -Hydroxy-olean-12-en-23-oic acid (α -boswellic acid)	<i>Tripterygium hypoglaucum</i> (aerial parts)	[313]
O62 3 β ,16 α -Dihydroxy-23-formyl-olean-12-en-28-oic acid	<i>Euonymus tingen</i> (stem barks)	[208]
O63 3 β ,21 β -Dihydroxy-olean-12-en-29-oic acid (Ficusonic acid)	<i>Maytenus royleanus</i> (roots)	[209]
O64 3 β ,22 α -Dihydroxy-olean-12-en-29-oic acid (Maytenfolic acid)	<i>Austroplenckia populnea</i> (roots)	[276]
	<i>Maytenus heterophylla</i> (stem barks)	[82]
	<i>Maytenus macrocarpa</i> (barks)	[204]
	<i>Salacia chinensis</i> (stems)	[39]
O65 3 β ,22 α -Dihydroxy-olean-12-en-30-oic acid (Macrocarpoic acid A)	<i>Maytenus macrocarpa</i> (barks)	[204]
O66 3 β ,22 β -Dihydroxy-olean-12-en-	<i>Salacia chinensis</i> (stems)	[39]

Tabela S1: Pentacyclic triterpenoids isolated from Celastraceae species (2001-2021).

	Name	Species (plant part) Reference
	29-oic acid (Maytenfolic acid-22 β - <i>epi</i>)	<i>Salacia nitida</i> (lianas)[263]
O67	3 β ,23-Dihydroxy-olean-12-en-28-oic acid (Hederagenin)	<i>Celastrus orbiculatus</i> (stems)[314] <i>Euonymus alatus</i> (branches)[157,169] <i>Tripterygium hypoglaucum</i> (aereal parts)[313]
O68	3 β ,28-Dihydroxy-olean-12-en-29-oic acid	<i>Tripterygium wilfordii</i> (roots)[61]
O69	3 β ,6 β ,29-Trihydroxy-olean-12-en-28-oic acid (Gymnosporin B)	<i>Gymnosporia royleana</i> (aereal parts)[316]
O70	3 β -Acetyloxy-olean-12-en-28-oic acid	<i>Celastrus orbiculatus</i> (stems)[314] <i>Siphonodon celastrineus</i> (fruits)[317]
O71	3 β -Hydroxy-1-oxo-olean-12-en-28-oic acid	<i>Euonymus alatus</i> (branches)[157]
O72	3 β -Hydroxy-olean-11,13(18)-dien-28-oic acid	<i>Euonymus grandiflorus</i> (leaves, branches)[306]
O73	3 β -Hydroxy-olean-12-en-28-oic acid (Oleanolic acid)	<i>Celastrus orbiculatus</i> (stems)[166] <i>Crossopetalum uragoga</i> (stems)[126] <i>Euonymus alatus</i> (root barks)[269] <i>Maytenus boaria</i> (leaves)[310] <i>Maytenus magellanica</i> (root barks)[126] <i>Maytenus phyllanthoides</i> (leaves)[311] <i>Microtropis triflora</i> (stalks)[84,270] <i>Salacia chinensis</i> (leaves)[258] <i>Tripterygium hypoglaucum</i> (aereal parts)[313]
O74	3 β -Hydroxy-olean-12-en-29-oic acid (Cationic acid 3- <i>epi</i>)	<i>Austroplenckia populnea</i> (stems, roots)[275] <i>Tripterygium doianumi</i> (branches)[233]
O75	11 α ,30-Dihydroxy-2,3-seco-olean-12-en-2,3-dicarboxylic anhydride	<i>Microtropis fokienensis</i> (stems)[190]
O76	3 β -olean-12-en-3-yl ferulate (β -Amirin ferulate)	<i>Hippocratea excelsa</i> (root barks)[213]
O77	2,3-Seco-1 α ,3 α -Oxido-olean-13(18)-en-1,3-olide (Gymnosporin A)	<i>Gymnosporia royleana</i> (aereal parts)[316]
O78	Olean-11,13(18)-dien-3 β ,30-diol	<i>Microtropis fokienensis</i> (stems)[190]
O79	Olean-12-en-3,11-dione	<i>Crossopetalum uragoga</i> (stems)[126] <i>Maytenus magellanica</i> (root barks)[126] <i>Maytenus cuzcoina</i> (root barks)[68]
O80	Olean-12-en-3-one (β -Amirone)	<i>Crossopetalum uragoga</i> (stems)[126] <i>Maytenus magellanica</i> (root barks)[126] <i>Salacia chinensis</i> (stems)[39]
O81	Olean-12-en-3 α ,11 α ,21 β -triol	<i>Hippocratea excelsa</i> (stem bark)[187]
O82	Olean-12-en-3 α ,21 β -diol	<i>Hippocratea excelsa</i> (stem bark)[187]
O83	Olean-12-en-3 α ,23,28-triol	<i>Maytenus diversifolia</i> (aereal parts)[185]

Tabela S1: Pentacyclic triterpenoids isolated from Celastraceae species (2001-2021).

Name		Species (plant part) Reference
O84	Olean-12-en-3 β ,11 α -diol	<i>Elaeodendron croceum</i> (leaves)[287]
O85	Olean-12-en-3 β ,22 β -diol (Sophoridiol)	<i>Euonymus grandiflorus</i> (leaves, branches)[306]
O86	Olean-12-en-3 β ,28-diols (Erythrodiol)	<i>Salacia chinensis</i> (leaves)[258]
O87	Olean-12-en-3 β ,29-diols (Paniculatadiol)	<i>Maytenus apurimacensis</i> (roots)[160]
O88	Olean-12-en-3 β ,30-diols	<i>Microtropis fokienensis</i> (stems)[190]
O89	3 β -olean-12-en-3-yl acetate (β -amirin acetate)	<i>Elaeodendron buchananii</i> (stem barks)[232] <i>Glyptopetalum calocarpum</i> (leaves)[308]
O90	Olean-18-en-3,21-dione	<i>Cassine xylocarpa</i> (stems)[191]
O91	Olean-18-en-3-one	<i>Cassine xylocarpa</i> (stems) [191]
O92	Olean-18-en-3 β ,11 α ,28-triol	<i>Maytenus jelskii</i> (leaves)[191]
O93	Olean-18-en-3 β ,11 α -diol (Nivadiol)	<i>Maytenus jelskii</i> (leaves)[191]
O94	Olean-18-en-3 β ,21 α -diol	<i>Cassine xylocarpa</i> (stems)[191]
O95	Olean-18-en-3 β ,29-diols	<i>Cassine xylocarpa</i> (stems)[191]
O96	Olean-18-en-3 β ,6 β -diol	<i>Cassine xylocarpa</i> (stems)[191]
O97	Olean-18-en-3 β -ol	<i>Cassine xylocarpa</i> (stems)[191]
O98	Olean-9(11),12-dien-3-one	<i>Celastrus hypoleucus</i> (aereal parts)[198] <i>Crossopetalum uragoga</i> (stems)[126] <i>Maytenus cuzcoina</i> (root barks)[68] <i>Maytenus magellanica</i> (root barks)[126] <i>Maytenus distichophylla</i> (roots)[280]
O99	Olean-9(11),12-dien-3 α ,21 β -diol	<i>Hippocratea excelsa</i> (stem barks)[187]
O100	Olean-9(11),12-dien-3 β -ol	<i>Celastrus angulatus</i> (root barks)[318] <i>Celastrus hypoleucus</i> (aereal parts)[198] <i>Euonymus alatus</i> (root barks)[269] <i>Maytenus cuzcoina</i> (root barks)[68] <i>Salacia crassifolia</i> (leaves)[6]
O101	11 β ,26-oxido-26-hydroxy-olean-12-en-3-one (Salacetal)	<i>Salacia longipes</i> (roots)[221]
O102	Olean-12-en-3 β -ol, 3-[(2E)-3-[(2S,3S)-2-[(acetyloxy)methyl]-2,3-dihydro-3-(4-hydroxy-3-methoxyphenyl)-1,4-benzodioxin-6-yl]-2-propenoate] (Uragogin)	<i>Crossopetalum uragoga</i> (stems)[126]
URSANES		
U1	11 α ,12,15 α ,20 β -Tetrahydroxy-urs-12-en-3-one	<i>Siphonodon celastrineus</i> (stems)[193]
U2	11 α ,12,15 α ,24-Tetrahydroxy-urs-12-en-3-one	<i>Siphonodon celastrineus</i> (stems)[193]
U3	11 α ,12,16 β -Trihydroxy-urs-12-en-3-one	<i>Microtropis fokienensis</i> (stems)[190]

Tabela S1: Pentacyclic triterpenoids isolated from Celastraceae species (2001-2021).

	Name	Species (plant part) Reference
U4	11 α ,12-[2-(Hydroxymethyl)-3-(4-hydroxy-3-methoxyphenyl)ethane-1,2-dioxy]-urs-12-ene-3 β ,15 α -diol	<i>Siphonodon celastrineus</i> (stems)[54]
U5	11 α ,12-[3-(Hydroxymethyl)-2-(4-hydroxy-3-methoxyphenyl)ethane-1,2-dioxy]-urs-12-ene-3 β ,15 α -diol	<i>Siphonodon celastrineus</i> (stems)[54]
U6	11 α -Hydroxy-urs-12-en-3-one	<i>Maytenus cuzcoina</i> (root barks)[68]
U7	11 α -Methoxy-12,15 α ,24-trihydroxy-urs-12-en-3-one	<i>Siphonodon celastrineus</i> (stems)[193]
U8	11 α -Methoxy-3 β ,12,15 α ,20 β -tetrahydroxy-urs-12-en-24-al	<i>Siphonodon celastrineus</i> (stems)[193]
U9	11 α -Methoxy-3 β ,12,15 α -trihydroxy-urs-12-en-24-al	<i>Siphonodon celastrineus</i> (stems)[193]
U10	11 α -Methoxy-urs-12-en-2 α ,3 β ,12,24-tetrol	<i>Siphonodon celastrineus</i> (stems)[193]
U11	11 α -Methoxy-urs-12-en-3-one	<i>Maytenus spinosa</i> (roots)[104]
U12	11 α -Methoxy-urs-12-en-3 β ,12,15 α ,20 β -tetrol	<i>Siphonodon celastrineus</i> (stems)[193]
U13	11 α -Methoxy-urs-12-en-3 β ,12,15 α ,24-tetrol	<i>Siphonodon celastrineus</i> (stems)[193]
U14	11 α -Methoxy-urs-12-en-3 β ,12,15 α -triol	<i>Siphonodon celastrineus</i> (stems)[54]
U15	11 α -Methoxy-urs-12-en-3 β ,12,24-triol	<i>Siphonodon celastrineus</i> (stems)[193]
U16	11 α -Methoxy-urs-12-en-3 β ,12-diol	<i>Siphonodon celastrineus</i> (stems)[54]
U17	11 α -Methoxy-urs-12-en-3 β ,15 α -diol	<i>Siphonodon celastrineus</i> (stems)[54]
U18	11 α -Methoxy-urs-12-en-3 β ,28-diol	<i>Microtropis fokienensis</i> (leaves)[189]
U19	11 α -Methoxy-urs-12-en-3 β -ol	<i>Microtropis fokienensis</i> (leaves)[189]
U20	11 β ,16 β -Dihydroxy-urs-12-en-3-one	<i>Hippocratea excelsa</i> (stem barks)[187]
U21	11 β -Hydroxy-urs-12-en-3-one	<i>Hippocratea excelsa</i> (stem barks)[187]
U22	12,15 α ,24-Trihydroxy-3,11-dioxo-urs-12-en-30-oic acid methyl ester	<i>Siphonodon celastrineus</i> (stems)[193]
U23	12,15 α ,20 β -Trihydroxy-urs-12-en-3,11-dione	<i>Siphonodon celastrineus</i> (stems)[54]
U24	12,15 α ,24,30-Tetrahydroxy-urs-12-en-3,11-dione	<i>Siphonodon celastrineus</i> (stems)[193]
U25	12,15 α ,24-Trihydroxy-urs-12-en-3,11-dione	<i>Siphonodon celastrineus</i> (stems)[54]
U26	3 β ,12,16 β ,23-Tetrahydroxy-11 α -methoxyurs-12-ene 3,16-Di-O- β -D-glucopyranoside	<i>Microtropis japonica</i> (leaves)[230]
U27	13 β ,28-Oxido-urs-11-en-3 β ,15 α -diol	<i>Siphonodon celastrineus</i> (stems)[54]

Tabela S1: Pentacyclic triterpenoids isolated from Celastraceae species (2001-2021).

	Name	Species (plant part) Reference
U28	13 β ,28-Oxido-urs-11-en-3 β ,16 β -diol	<i>Microtropis fokiensis</i> (leaves, stems)[189,190]
U29	13 β ,28-Oxido-urs-11-en-3 β ,23-diol	<i>Microtropis fokiensis</i> (leaves)[189]
U30	13 β ,28-Oxido-urs-11-en-3 β -ol	<i>Microtropis fokiensis</i> (leaves, stems)[153,189]
U31	15 α ,20 β -Dihydroxy-13 β ,28-oxido-urs-11-en-3-one	<i>Siphonodon celastrineus</i> (stems)[193]
U32	15 α -Benzoyloxy-3 β ,11 α ,12-trihydroxy-urs-12-en-24-al	<i>Siphonodon celastrineus</i> (stems)[54]
U33	15 α -Benzoyloxy-urs-12-en-3 β ,11 α -diol	<i>Siphonodon celastrineus</i> (stems)[54]
U34	28,30-Dihydroxy-urs-12-en-3-one	<i>Maytenus diversifolia</i> (aerial parts)[185]
U35	2 α ,3 β ,12,24-Tetrahydroxy-urs-12-en-11-one	<i>Siphonodon celastrineus</i> (stems)[193]
U36	2 α ,3 β ,24-trihydroxyurs-12-en-28-oic acid 28-O- β -D-glucopyranosyl-(1 \rightarrow 2)- β -D-glucopyranoside	<i>Salacia cochinchinensis</i> (leaves, branches)[194]
U37	2 α ,3 β ,19 α ,24-Tetrahydroxy-urs-12-en-28-oic acid 28-O- β -D-glucopyranosyl-(1 \rightarrow 2)- β -D-glucopyranoside	<i>Salacia cochinchinensis</i> (leaves, branches)[194]
U38	3 β -(E)-Caffeoyloxy-urs-12-en-28-ol (3-(E)-caffeoyluvaol)	<i>Maytenus macrocarpa</i> (branches)[204]
U39	3 β -(E)-Coumaroyloxy-urs-12-en-28-ol [3-(E)-coumaroyluvaol; Macrocarpol A]	<i>Maytenus macrocarpa</i> (branches)[204]
U40	30-Hydroxy-urs-12-en-3,11-dione	<i>Maytenus diversifolia</i> (aerial parts)[185]
U41	3 α ,30-Dihydroxy-urs-12-en-11-one	<i>Maytenus diversifolia</i> (aerial parts)[185]
U42	3 β ,11 α ,12,15 α ,20 β -Pentahydroxy-urs-12-en-24-al	<i>Siphonodon celastrineus</i> (stems)[193]
U43	3 β ,11 α ,12,15 α -Tetrahydroxy-urs-12-en-24-al	<i>Siphonodon celastrineus</i> (stems)[54]
U44	3 β ,11 α ,12,15 α -Tetrahydroxy-urs-12-en-24-oic acid methyl ester	<i>Siphonodon celastrineus</i> (stems)[54]
U45	3 β ,11 α ,15 α ,20 β -Tetrahydroxy-13 α ,27-cyclours-12-one	<i>Siphonodon celastrineus</i> (stems)[193]
U46	3 β ,11 α ,15 α -Trihydroxy-12-oxo-13 α ,27-cyclours-24-al	<i>Siphonodon celastrineus</i> (stems)[193]
U47	3 β ,11 α ,15 α -trihydroxy-13 α ,27-cyclours-12-one	<i>Siphonodon celastrineus</i> (stems)[193]
U48	3 β ,12,15 α ,24-Tetrahydroxy-urs-12-en-11-one	<i>Siphonodon celastrineus</i> (stems)[193]
U49	3 β ,12,15 α -Trihydroxy-urs-12-en-11-one	<i>Siphonodon celastrineus</i> (stems)[54]
U50	3 β ,12,24-Trihydroxy-urs-12-en-11-one	<i>Siphonodon celastrineus</i> (stems)[54]
U51	3 β ,16 β -Dihydroxy-urs-12-en-11-one	<i>Microtropis fokiensis</i> (stems)[190]

Tabela S1: Pentacyclic triterpenoids isolated from Celastraceae species (2001-2021).

	Name	Species (plant part) Reference
U52	3 β ,23-Dihydroxy-13 β ,28-oxido-urs-12-one (Microfokienoxane C)	<i>Microtropis fokienensis</i> (leaves)[189]
U53	3 β ,25-Oxido-urs-12-en-1 α ,3 α ,11 α ,12,23,25-hexaol	<i>Microtropis triflora</i> (stalks)[84]
U54	3 β ,30-Dihydroxy-urs-12-en-11-one	<i>Maytenus diversifolia</i> (aereal parts)[185]
U55	3 β -Acetyloxy-11 α ,19 α ,28-trihydroxy-urs-12-en-23-oic acid methyl ester	<i>Elaeodendron buchananii</i> (stem barks)[232]
U56	3 β -Acetyloxy-urs-11-en-13 α ,30-olide	<i>Tripterygium doianumi</i> (branches)[233]
U57	3 β -Acetyloxy-urs-12-en-19 α ,23,28-triol	<i>Elaeodendron buchananii</i> (stem barks)[232]
U58	3 β -Acetyloxy-urs-12-ene	<i>Salacia nitida</i> (leaves)[263]
U59	3 β -Stearyloxy-urs-12-ene (α -Amyrin stearate)	<i>Cheiloclinium cognatum</i> (leaves)[69] <i>Maytenus distichophylla</i> (leaves)[265] <i>Maytenus salicifolia</i> (leaves)[161,235] <i>Salacia crassifolia</i> (leaves)[265] <i>Salacia elliptica</i> (leaves)[43]
U60	3 β -Hydroxy-urs-11-en-13 β ,28-olide	<i>Maytenus phyllanthoides</i> (leaves)[311]
U61	3 β -Hydroxy-urs-12-en-11-one	<i>Maytenus cuzcoina</i> (root barks)[68]
U62	3 β -Palmitoyloxy-urs-12-ene (α -Amyrin palmitate)	<i>Cheiloclinium cognatum</i> (leaves)[69] <i>Maytenus distichophylla</i> (leaves)[265] <i>Salacia crassifolia</i> (leaves)[6]
U63	6 β ,12,23-Trihydroxy-11 α -methoxy-urs-12-en-3-one	<i>Microtropis fokienensis</i> (stems)[190]
U64	19 α ,28-Dihydroxy-3-oxo-urs-12-en-24-oic acid	<i>Elaeodendron buchananii</i> (stem barks)[232]
U65	21 β -Hydroxy-3-oxo-2,3- <i>seco</i> -urs-12-en-2-oic acid	<i>Siphonodon celastrineus</i> (stems)[54]
U66	22 α -Hydroxy-3-oxo-urs-12-en-30-oic acid (Demethylregelin)	<i>Salacia chinensis</i> (stems)[39]
U67	22 β -Hydroxy-3-oxo-urs-12-en-30-oic acid	<i>Tripterygium wilfordii</i> (roots)[61]
U68	28-Hydroxy-3-oxo-urs-12-en-30-oic acid	<i>Tripterygium wilfordii</i> (roots)[61]
U69	2 α ,3 β -Dihydroxy-urs-12-en-28-oic acid	<i>Euonymus alatus</i> (branches)[157] <i>Microtropis fokienensis</i> (stems)[190]
U70	2 α -Hydroxy-3-oxo-urs-12-en-28-oic acid	<i>Tripterygium doianum</i> (branches)[233]
U71	3,11-Dioxo-urs-12-en-28-oic acid	<i>Maytenus diversifolia</i> (aereal parts)[185]
U72	3 α -Hydroxy-11-oxo-urs-12-en-28-oic acid	<i>Maytenus diversifolia</i> (aereal parts)[185]
U73	3 β ,11 α ,19 α -Trihydroxy-urs-12-en-23,28-dioic acid	<i>Elaeodendron buchananii</i> (stem barks)[232]

Tabela S1: Pentacyclic triterpenoids isolated from Celastraceae species (2001-2021).

Name	Species (plant part) Reference
U74 3 β ,22 α -Dihydroxy-urs-12-en-30-oic acid (Tripterygic acid A)	<i>Salacia chinensis</i> (stems)[39]
U75 3 β ,7 β ,24-Trihydroxy-urs-12-en-28-oic acid (Gymnosporin C)	<i>Gymnosporia royleana</i> (aereal parts)[316]
U76 3 β -Acetylxy-urs-12-en-28-oic acid	<i>Microtropis fokienensis</i> (stems)[190]
U77 3 β -Hydroxy-urs-12-en-28-oic acid (Ácido ursólico)	<i>Elaeodendron buchananii</i> (stem barks)[232]
	<i>Euonymus alatus</i> (branches)[157]
	<i>Euonymus grandiflorus</i> (leaves, branches)[306]
	<i>Salacia chinensis</i> (leaves)[258]
	<i>Siphonodon celastrineus</i> (fruits)[317]
U78 2 α ,3 β ,19 α -Trihydroxy-urs-12-en-28-oic acid 28-O- β -D-glucopyranosyl-(1 \rightarrow 2)- β -D-glucopyranoside (Officinerterpenoside B)	<i>Salacia cochinchinensis</i> (leaves, branches)[194]
U79 Urs-12-en-3,11-dione	<i>Maytenus cuzcoina</i> (root barks)[68]
U80 Urs-12-en-3 β ,11 α ,12,15 α -tetrol	<i>Siphonodon celastrineus</i> (stems)[54]
U81 Urs-12-en-3 β ,11 α ,12,24-tetrol	<i>Siphonodon celastrineus</i> (stems)[193]
U82 Urs-12-en-3 β ,11 α ,15 α -triol	<i>Siphonodon celastrineus</i> (stems)[54]
U83 Urs-12-en-3 β ,25,30-triol	<i>Salacia crassifolia</i> (roots)[243]
U84 Urs-12-en-3 β ,28-diol	<i>Euonymus alatus</i> (root barks)[269]
	<i>Microtropis fokienensis</i> (leaves)[189]
	<i>Salacia chinensis</i> (leaves)[258]
U85 Urs-12-en-3 β -ol (α -amirin)	<i>Cheiloclinium cognatum</i> (branches)[268]
	<i>Hippocratea excelsa</i> (stem barks)[187]
	<i>Maytenus distichophylla</i> (leaves)[265]
	<i>Maytenus phyllanthoides</i> (leaves)[311]
	<i>Maytenus salicifolia</i> (leaves)[235]
	<i>Salacia amplifolia</i> (roots)[259]
	<i>Salacia crassifolia</i> (leaves)[265]
	<i>Salacia hainanensis</i> (roots)[73]
	<i>Salacia impressifolia</i> (stems, branches)[285]
U86 Urs-14-en-3 β -ol (Isoursenol)	<i>Salacia chinensis</i> (leaves)[258]
U87 Urs-9(11),12-dien-3-one	<i>Maytenus cuzcoina</i> (root barks)[68]
U88 Urs-9(11),12-dien-3 β -ol	<i>Maytenus cuzcoina</i> (root barks)[68]
OTHERS	
Gammacer-12-en-3 β -ol (12-gammateraen-3 β -ol; tetrehymanol;	
OT1 Monechmol)	<i>Celastrus hypoleucus</i> (aereal parts)[198]
OT2 18 α (H)-taraxastane-3 β ,20 α -diol	<i>Salacia chinensis</i> (leaves)[258]
OT3 21 β -H-hop-22(29)-en-3-one	<i>Maytenus robusta</i> (leaves)[94]
OT4 21 β -H-hop-22(29)-en-3 β -ol	<i>Maytenus robusta</i> (leaves)[94]

Tabela S1: Pentacyclic triterpenoids isolated from Celastraceae species (2001-2021).

Name	Species (plant part)	Reference
25(9→8),26(13→14)Abeo-24-nor-8,14- seco-friedelan-2,3-dihydroxy-		
OT5 1,3,5(10),6,8-pentaen-29(13)-olide	<i>Celastrus orbiculatus</i> (root barks)	[139]
OT6 Glutin-5-en-3 β ,29-diol (29-Hydroxy-glutinol)	<i>Cassine xylocarpa</i> (root barks)	[196]
	<i>Celastrus vulcanicola</i> (root barks)	[196]
	<i>Elaeodendron schlechteranum</i> (root barks)	[63]
	<i>Hippocratea excelsa</i> (root barks)	[213]
	<i>Maytenus apurimacensis</i> (roots)	[160]
	<i>Maytenus salicifolia</i> (fruit pulp)	[283]
14-Taraxen-3 β ,29-diol (29-Hydroxy-taraxerol)	<i>Hippocratea excelsa</i> (root barks)	[213]
24,25,26-Trinoroleana-4,7-dien-6 α ,10 α - dihydroxy-9 β ,13 α -dimethyl-2,3-dioxo- 29-oic acid, methyl ester		
OT8 (6- <i>epi</i> -barudiona)	<i>Cheiloclinium hippocratioides</i> (root barks)	[138]
25(9→8)Abeo-24-nor-8,14- <i>seco</i> -friedelan- 2,3-dihydroxy-1,3,5(10),6,8,14(27)-		
OT9 hexaen-29-oic acid	<i>Celastrus orbiculatus</i> (root barks)	[139]
25(9→8)Abeo-24-nor-friedelan-2,3- dihydroxy-1,3,5(10),6,8,11-hexaen-29-oic acid	<i>Celastrus orbiculatus</i> (root barks)	[139]
OT10		
25(9→8)abeo-24-norfriedelan-2,3-dioxo- OT11 1(10),4,6,9(11)-tetraen-29-oic acid	<i>Celastrus orbiculatus</i> (root barks)	[139]
(21 β)-13,17-Dimethyl-A'-neo-26,28- dinorgammacer-9(11)-en-3-one		
OT12 (Arborinone)	<i>Euonymus alatus</i> (cork)	[305]
OT13 Campestrine I	<i>Peritassa campestris</i> (roots)	[252]
OT14 Campestrine II	<i>Peritassa campestris</i> (roots)	[252]
OT15 Cassinolide	<i>Cassine xylocarpa</i> (root barks)	[319]
OT16 Glutin-5-en-3 α ,29-diol	<i>Salacia staudtiana</i> (root barks)	[278]
OT17 Olean-18-en-3 β -ol (Germanicol)	<i>Cassine xylocarpa</i> (stems)	[191]
	<i>Euonymus alatus</i> (cork)	[305]
OT18 Glutin-5-en-3 β ,21 α -diol	<i>Cassine xylocarpa</i> (root barks)	[196]
	<i>Celastrus vulcanicola</i> (root barks)	[196]
OT19 Glutin-5-en-3 β -ol (Glutinol)	<i>Cassine xylocarpa</i> (root barks)	[196]
	<i>Celastrus vulcanicola</i> (root barks)	[196]
	<i>Cheiloclinium cognatum</i> (branches)	[268]
	<i>Euonymus alatus</i> (branches)	[157]
	<i>Maytenus cuzcoina</i> (root barks)	[68]
	<i>Maytenus salicifolia</i> (root barks)	[105]

Tabela S1: Pentacyclic triterpenoids isolated from Celastraceae species (2001-2021).

Name		Species (plant part) Reference
		<i>Salacia amplifolia</i> (roots)[259]
(21 β)-13,17-Dimethyl-A'-neo-26,28-dinorgammacer-9(11)-en-3 β -ol		
OT20	(Isoarborinol)	<i>Euonymus fortunei</i> (aerial parts)[320]
OT21	14-Taraxen-3 β -ol (Taraxerol)	<i>Euonymus alatus</i> (cork)[305]
		<i>Maytenus undata</i> (leaves)[284]