

Presence of Compounds in Simarouba (*Simarouba amara*)

Compound	Chemical Type	Plant Part	Plant Origin	Quantity	Ref #
Ailanthinone	Triterpene	Fruit Not stated Fruit	Panama Bolivia Panama	Not stated Not stated Not stated	T14116 L09232 T13729
Benzoquinone, 1-4: 2-6-dimethoxy:	Quinoid	Bark Bark	Not stated Not stated	Not stated Not stated	A06083 A12193
Canthin-6-one, 5-hydroxy:	Indole Alkaloid	Rootbark Bark	Guyana Not stated	00.17% Not stated	L00487 ZZ1047
Glaucarubine, 2'-acetyl:	Triterpene	Rootbark Bark	Guyana Not stated	Not stated Not stated	M01027 ZZ1047
Glaucarubolone	Triterpene	Plant Seed	Not stated	Not stated	ZZ1095
Glaucarubinone	Triterpene	Not stated Fruit Fruit Rootbark	Bolivia Panama Panama Guyana	Not stated Not stated Not stated Not stated	L09232 T13729 T14116 M01027
Glaucarubinone, 13-18-dehydro:	Triterpene	Rootbark Bark	Guyana Not stated	Not stated Not stated	M01027 ZZ1047
Glaucarubinone, 2'-acetoxy:	Triterpene	Fruit	Panama	Not stated	T13729
Glaucarubinone, 2'-acetyl:	Triterpene	Fruit Rootbark Bark	Panama Guyana Not stated	Not stated Not stated Not stated	T14116 M01027 ZZ1047
Holacanthone	Triterpene	Fruit Bark	Panama Not stated	Not stated Not stated	T14116 T13729
Melianone	Triterpene	Rootbark Bark	Not stated Not stated	Not stated Not stated	M00099 ZZ1047
Melianone, 20-anhydro:	Triterpene	Rootbark Bark	Not stated Not stated	Not stated Not stated	M00099 ZZ1047

Compound	Chemical Type	Plant Part	Plant Origin	Quantity	Ref #
Simaroubidin	Triterpene	Entire Plant Bark	Not stated Not stated	Not stated 500 ppm	A00035 ZZ1047
Simarolide	Triterpene	Bark	Not stated	Not stated	ZZ1047
Simarubin	Triterpene	Bark	Not stated	10,000 ppm	ZZ1047
Simarubolide	Triterpene	Bark	Not stated	Not stated	ZZ1047
Sitosterol, beta:	Steroid	Seed Not stated Rootbark	Not stated Bolivia Not stated	00.03% Not stated Not stated	K01504 L09232 M00099
Tirucalla-7-24-dien, 3-21-dioxo:	Triterpene	Rootbark	Not stated	Not stated	M00099
Tirucalla-7-24-dien, 3-oxo:	Triterpene	Rootbark	Not stated	Not stated	M00099
Tirucalla-7-24-diene, 3-21-dioxo:	Triterpene	Seed Bark	Not stated Not stated	00.014% Not stated	K01504 ZZ1047
Tirucalla-7-24-diene, 3-oxo:	Triterpene	Seed Bark	Not stated Not stated	00.0147% Not stated	K01504 ZZ1047

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