

Presence of Compounds in Jatoba (*Hymenaea courbaril*)

Compound	Chemical Type	Plant Part	Plant Origin	Quantity	Ref #
(13R)-13-hydroxy-1(10), 14-ent-halimadien-18-oic acid	Diterpenoid	Not stated	Suriname	Not Stated	AN1001
(13R)-2-oxo-13-hydroxy-1(10)-ent-halimadien-18-oic acid	Diterpenoid	Not stated	Suriname	Not Stated	AN1001
(2S,13R)-2,13-dihydroxy-1(10), 14-ent-halimadien-18-oic acid	Diterpenoid	Not stated	Suriname	Not Stated	AN1001
(5R*,8S*,9S*,10R*)-cleroda-3, 13E-dien-15-oic acid	Diterpene	Seed	Brazil	Not Stated	AN1002
4-4-(a)-5-6-7-octahydro:1-beta-(3-methyl-4-carboxy-butanyl)-1-alpha-2-alpha-5-alpha-trimethyl: dimethyl ester naphthalene-5-carboxylic acid,1-2-3	Diterpene	Leaf + Stem	Not Stated	Not Stated	A01895
4-4-(a)-5-6-7-octahydro:1-beta-(2-(3-furyl)-ethyl)-1-alpha-2-alpha-5-alpha-trimethyl:naphthalene-5-carboxylic acid,1-2-3	Diterpene	Leaf + Stem	Not Stated	Not Stated	A01895
4-4-(a)-5-6-7-octahydro:1-beta-(trans-3-methyl-4-carboxy-but-3-enyl)-1-alpha-2-alpha-5-alpha-trimethyl: dimethylselina-4(14)-7(11)-diene	Sesquiterpene	Leaf + Stem	Not Stated	Not Stated	A01895
Astilbin	Flavonoid	Leaf + Stem	Not Stated	Not Stated	K01545
Bisabolene, beta	Sesquiterpene	Bark	Not Stated	Not Stated	AN1011
Bourbonene, beta	Sesquiterpene	Leaf + Stem	Not Stated	Not Stated	A01895

Compound	Chemical Type	Plant Part	Plant Origin	Quantity	Ref #
Cadinene, delta	Sesquiterpene	Leaf	Brazil	Not Stated	J04745
		Leaf	Brazil	Not Stated	A03106
		Leaf	Not Stated	Not Stated	J05393
		Leaf + Stem	Not Stated	Not Stated	A01895
		Leaf + Seed+	Not Stated	Not Stated	AN1011
		Stem	Mexico	Not Stated	J04745
		Leaf	Honduras	Not Stated	J04745
		Leaf	Costa Rica	Not Stated	J04745
		Leaf	Puerto Rico	Not Stated	J04745
		Leaf	Venezuela	Not Stated	J04745
		Leaf	Brazil	Not Stated	J04745
Cadinene, gamma	Sesquiterpene	Leaf	Brazil	Not Stated	J04745
		Leaf	Mexico	Not Stated	J04745
		Leaf	Honduras	Not Stated	J04745
		Leaf	Costa Rica	Not Stated	J04745
		Leaf	Puerto Rico	Not Stated	J04745
		Leaf	Venezuela	Not Stated	J04745
		Leaf	Brazil	Not Stated	J04745
		Leaf	Not Stated	Not Stated	J05393
Leaf + Stem	Not Stated	Not Stated	AN1011		
Calarene	Sesquiterpene	Pod	Not Stated	Not Stated	AN1011
Caryophyllene	Sesquiterpene	Leaf	Brazil	Not Stated	A03106
		Leaf	Not Stated	Not Stated	J05393
		Leaf + Stem	Not Stated	Not Stated	A01895
		Leaf	Mexico	Not Stated	J04745
		Leaf	Honduras	Not Stated	J04745
		Leaf	Costa Rica	Not Stated	J04745
		Leaf	Puerto Rico	Not Stated	J04745
		Leaf	Brazil	Not Stated	J04745
		Leaf + Seed + Stem	Not Stated	Not Stated	AN1011
Catechin, epi: (-)	Flavonoid	Leaf	Costa Rica	00.014%	K20463

Compound	Chemical Type	Plant Part	Plant Origin	Quantity	Ref #
Communic acid,iso-enantio: methyl ester	Diterpene	Leaf + Stem	Not Stated	Not Stated	A01895
Copacamphene	Sesquiterpene	Leaf	Brazil	Not Stated	A03106
Copaene, alpha	Sesquiterpene	Leaf Leaf Leaf + Stem	Brazil Not Stated Not Stated	Not Stated Not Stated Not Stated	A03106 J05393 AN1011
Copaene, beta	Sesquiterpene	Leaf Leaf Leaf Leaf + Stem	Brazil Brazil Not Stated Not Stated	Not Stated Not Stated Not Stated Not Stated	J04745 A03106 J05393 AN1011
Copalic acid	Diterpenoid	Bark	Not Stated	Not Stated	AN1011
Cubebene, alpha	Sesquiterpene	Leaf Leaf Leaf Leaf + Stem	Brazil Brazil Not Stated Not Stated	Not Stated Not Stated Not Stated Not Stated	J04745 A03106 J05393 AN1011
Cubebene, beta	Sesquiterpene	Leaf	Brazil	Not Stated	J04745
Cyclosativene	Sesquiterpene	Leaf + Stem Seed	Not Stated Not Stated	Not Stated Not Stated	A01895 AN1011
Cyperene	Sesquiterpene	Leaf	Not Stated	Not Stated	AN1011
Diterpene	Diterpene	Fruit Hulls	Venezuela	Not Stated	M08536
Eperua-7-13-dien-15-oic acid, ent	Diterpene	Bark	Brazil	Not Stated	J02754
Gurjunene, beta	Sesquiterpene	Leaf + Stem	Not Stated	Not Stated	A01895
Heptasaccharide (XXXG)	Xyloglucan Oligosaccharide	Seed	Not Stated	Not Stated	AN1005
Himachalene, alpha	Sesquiterpene	Leaf + Stem Seed	Not Stated Not Stated	Not Stated Not Stated	A01895 AN1011
Humulene	Sesquiterpene	Leaf + Stem	Not Stated	Not Stated	A01895

Compound	Chemical Type	Plant Part	Plant Origin	Quantity	Ref #
Humulene, alpha	Sesquiterpene	Leaf	Brazil	Not Stated	A03106
Humulene, beta:	Sesquiterpene	Leaf Leaf Leaf + Stem Leaf	Not Stated Brazil Not Stated Brazil	Not Stated Not Stated Not Stated Not Stated	J05393 A03106 AN1011 J04745
Isoozic acid: (-)-	Diterpene	Seed	Brazil	Not Stated	AN1002
Kovalenic acid: (-)-	Diterpene	Seed	Brazil	Not Stated	AN1002
Lab-13-en-8-beta-ol-15-oic acid, ent	Diterpene	Bark Bark	Brazil Not Stated	Not Stated Not Stated	J02754 AN1011
Labda-8(17),13-diene-15-oic acid, ent	Diterpene	Bark	Not Stated	Not Stated	AN1011
Labdan-8-beta-ol-15-oic acid, ent	Diterpene	Bark Bark	Brazil Not Stated	Not Stated Not Stated	J02754 AN1011
Methyl (5S*,8S*,9S*,10R*)-cleroda-3, 13E-dien-15-oate	Diterpene	Seed	Brazil	Not Stated	AN1002
Muurolene, alpha	Sesquiterpene	Leaf + Stem Seed	Not Stated Not Stated	Not Stated Not Stated	A01895 AN1011
Muurolene, gamma	Sesquiterpene	Leaf Leaf Leaf + Stem	Brazil Brazil Not Stated	Not Stated Not Stated Not Stated	A03106 J04745 AN1011
Naphthalene-5-carboxylic acid, 1-2-3	Diterpene	Leaf + Stem	Not Stated	Not Stated	A01895
Octasaccharide (XXLG)	Xyloglucan Oligosaccharide	Seed	Not Stated	Not Stated	AN1005
Ozic acid: (-)-	Diterpene	Seed	Brazil	Not Stated	AN1002
Polysaccharide	Xyloglucan	Leaf	Brazil	Not Stated	AN1003
Polysaccharide B1	Xyloglucan Oligosaccharide	Seed	Brazil	Not Stated	AN1007
Selina-4(14)-7(11)-diene	Sesquiterpene	Seed	Not Stated	Not Stated	AN1011

Compound	Chemical Type	Plant Part	Plant Origin	Quantity	Ref #
Selina-4(14)-7-diene	Sesquiterpene	Leaf + Stem Seed	Not Stated Not Stated	Not Stated Not Stated	A01895 AN1011
Selinene, alpha	Sesquiterpene	Leaf Leaf Leaf Leaf + Stem	Brazil Brazil Not Stated Not Stated	Not Stated Not Stated Not Stated Not Stated	J04745 A03106 J05393 AN1011
Selinene, beta	Sesquiterpene	Leaf Leaf Leaf Leaf + Stem	Not Stated Brazil Brazil Not Stated	Not Stated Not Stated Not Stated Not Stated	J05393 A03106 J04745 AN1011
Sitosterol, beta	Steroid	Leaf + Stem	Not Stated	Not Stated	K01545
Taxifolin-3-o-rhamnoside	Flavonoid	Leaf	Costa Rica	00.013%	K20463
XXXXG	Xyloglucan Oligosaccharide	Cotyledons	Brazil	Not Stated	AN1006

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