

Presence of Compounds in Sangre de Grado (Croton lechleri)

Compound	Chemical Type	Plant Part	Plant Origin	Quantity	Ref #
Benzene, 1-3-5-trimethoxy:	Benzenoid	Bark Sap Sap	Ecuador Ecuador Ecuador	0.0024%	H11766 K18768 H11766
Benzofuran-5-yl,2-3-dihydro: 2-(3 -dimethoxy-phenyl): 7-methoxy-3-methoxy-carbonyl-propan-1-oic acid methyl ester	Lignan	Sap	Brazil		K10718
Benzofuran-5-yl,2-3-dihydro:2-(4-hydroxy-3-methoxy-phenyl)-7-methoxy-3-methoxy-carbonyl-propen-1-oic acid methyl ester	Lignan	Sap	Brazil		K10718
Benzyl alcohol, 3-4-dimethoxy:	Benzenoid	Bark Sap	Ecuador Ecuador	0.0008%	H11766 H11766
Bincatriol	Diterpene	Bark Sap	Ecuador Ecuador	0.00792%	H11766 K18768
Boldine, iso	Alkaloid	Sap Sap Leaf Leaf	Peru Ecuador Peru Ecuador		AS1001 AS1001 AS1001 AS1001
Boldine, nor, iso	Alkaloid	Sap Sap Leaf Leaf	Peru Ecuador Peru Ecuador		AS1001 AS1001 AS1001 AS1001
Catechin (4-alpha-8)-gallo catechin (4-alpha-6)- gallo catechin	Flavonoid	Latex	Ecuador	00.09%	H07769
Catechin (4-alpha-8)-gallo catechin (4-alpha-8)-gallo catechin	Flavonoid	Latex	Ecuador		H07769
Catechin, (+):	Flavonoid	Latex Sap Latex	Ecuador Ecuador Ecuador	00.04%	H07769 K18768 L26126
Catechin, epi: (-):	Flavonoid	Latex Sap Latex	Ecuador Ecuador Ecuador	00.038%	H07769 K18768 L26126

Compound	Chemical Type	Plant Part	Plant Origin	Quantity	Ref #
Cedrusin, 3'-4-o-dimethyl:	Lignan	Sap Sap	Peru Peru	00.00136%	J16430 K22608
Cedrusin, 3'-4-o-dimethyl: (dl):	Lignan	Sap	Brazil		K10718
Cedrusin, 4-o-methyl:	Lignan	Sap	Peru	00.00025%	J16430
Crolechinic acid	Diterpene	Bark Sap Sap	Ecuador Ecuador Ecuador	00.02943%	H11766 H11766 K18768
Crolechinol	Diterpene	Sap Bark	Ecuador Ecuador	00.00717%	K18768 H11766
Daucosterol	Steroid	Bark Sap Sap	Ecuador Ecuador Ecuador	00.0028%	H11766 H11766 K18768
Gallocatechin (4-alpha-6)-epi-gallocatechin	Flavonoid	Latex	Ecuador	00.36%	H07769
Gallocatechin (4-alpha-8)-epi-catechin	Flavonoid	Latex	Ecuador	00.0083%	H07769
Gallocatechin (4-alpha-8)-gallocatechin (4-alpha-8)-epi-gallocatechin	Flavonoid	Latex	Ecuador	00.13%	H07769
Gallocatechin, (+):	Flavonoid	Latex Sap	Ecuador Ecuador	00.072%	H07769 K18768
Gallocatechin, epi: (-):	Flavonoid	Latex Sap Latex	Ecuador Ecuador Ecuador	00.085%	H07769 K18768 L26126
Glaucine	Alkaloid	Leaf	Peru		AS1001
Hardwickiic acid	Diterpene	Bark Sap	Ecuador Ecuador	00.00660%	H11766 K18768
Korberin A	Diterpene	Bark Sap	Ecuador Ecuador	00.03584%	H14225 K18768
Korberin B	Diterpene	Bark Sap	Ecuador Ecuador	00.03018%	H14225 K18768

Compound	Chemical Type	Plant Part	Plant Origin	Quantity	Ref #
Magnoflorine	Alkaloid	Sap Sap Leaf Leaf	Peru Ecuador Peru Ecuador		AS1001 AS1001 AS1001 AS1001
Phenethyl alcohol, 4-hydroxy:	Benzenoid	Sap Bark Sap	Ecuador Ecuador Ecuador	00.032%	K18768 H11766 H11766
Phenethyl alcohol, 4-hydroxy: acetate	Benzenoid	Bark Sap	Ecuador Ecuador	00.0044%	H11766 H11766
Phenol, 2-4-6-trimethoxy:	Benzenoid	Sap Bark Sap	Ecuador Ecuador Ecuador	00.0012%	K18768 H11766 H11766
Phenol, 3-4-dimethoxy:	Benzenoid	Bark Sap	Ecuador Ecuador	00.0014%	H11766 H11766
Procyanidin B-1	Flavonoid	Latex Latex	Ecuador Ecuador	00.046%	H07769 L26126
Procyanidin B-2	Flavonoid	Latex	Ecuador		L26126
Procyanidin B-4	Flavonoid	Latex Sap	Ecuador Ecuador	00.073%	H07769 K18768
Sinoacutine	Alkaloid	Leaf	Peru	00.0001%	K28263
Sitostenone, beta:	Steroid	Bark Sap	Ecuador Ecuador	00.0018%	H11766 H11766
Sitosterol, beta:	Steroid	Sap Bark Sap	Ecuador Ecuador Ecuador	00.0054%	K18768 H11766 H11766
SB-300	Flavonoid	Latex	Peru		L26431
SP-303	Flavonoid	Latex Latex Latex	Peru Peru Peru	01.0%	H14332 L26272 L26431

Compound	Chemical Type	Plant Part	Plant Origin	Quantity	Ref #
Taspine	Alkaloid	Sap	Peru		A14041
		Latex	Peru		W02272
		Sap	Peru		K22608
		Latex	Peru		M26029
		Sap	Peru		N00002
		Sap	Peru	00.08504%	J16430
		Bark	Ecuador	00.00014%	H11766
		Sap	Ecuador		H11766
		Leaf	Peru		AS1001
		Latex	Peru	9.4%	AS1001
		Latex	Ecuador		L26126
Thaliporphine	Alkaloid	Leaf	Peru		AS1001

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