

Presence of Compounds in Vassourinha (*Scoparia dulcis*)

Compound	Chemical Type	Plant Part	Plant Origin	Quantity	Ref #
Acacetin	Flavone	Leaf + stem	Taiwan	00.001111%	H07604
Amyrin, alpha	Triterpene	Entire plant	India	Not stated	N07354
Apigenin	Flavone	Entire plant	Paraguay	Not stated	M18047
Benzoxazin-3-one, 1-4: 2(h): 2-hydroxy	Nitrogen heterocy	Aerial parts	Vietnam	00.00136%	J14016
Benzoxazolin-2-one, 6-methoxy:	Nitrogen heterocy	Callus tissue	Japan	Not stated	K19824
Benzoxazolinone	Nitrogen heterocy	Entire plant	Bangladesh	00.075%	H06371
Benzoxazolinone, 6-methoxy	Nitrogen heterocy	Root Leaf + stem Entire plant Entire plant	Taiwan Taiwan Paraguay Bangladesh	Not stated 00.00235% 00.00223% Not stated	K03868 H07604 M29003 L16228
Benzoxazolone,2-3(h): 6-methoxy	Nitrogen heterocy	Aerial parts	Vietnam	00.00545%	J14016
Betulinic Acid	Triterpene	Root Entire plant Aerial parts Root Entire plant	China Bangladesh Vietnam Taiwan India	Not stated 00.05% 00.00136% Not stated Not stated	T05601 H06371 J14016 K03868 N07354
Cirsimarín	Flavone	Aerial parts	Brazil	Not stated	L09445
Cirsitakaoside	Flavone	Leaf	Brazil	Not stated	AE1002
Coixol	Nitrogen heterocy	Root	China	Not stated	T05601
Coumaric Acid, para:	Phenylpropanoid	Entire plant	Paraguay	Not stated	M18047
Cynaroside	Flavone	Entire plant	Paraguay	Not stated	M18047
Daucosterol	Steroid	Entire plant	Bangladesh	Not stated	L16228
Dulcinol	Diterpene	Entire plant	Bangladesh	00.035%	H06371

Compound	Chemical Type	Plant Part	Plant Origin	Quantity	Journal #
Dulcioic Acid	Triterpene	Entire plant	India	Not stated	N07354
Flavone, 3'-4'-5'-5'-7-8-hexahydroxy:7-o-beta-d-glucuronide	Flavone	Entire plant	Paraguay	00.0016%	M18047
Friedelin	Triterpene	Aerial parts Entire plant	Vietnam India	00.00454% Not stated	J14016 N07354
Gentisic Acid	Benzenoid	Leaf	Trinidad	Not stated	A06190
Glut-5(6)-en-3-beta-ol	Triterpene	Aerial parts	Bangladesh	Not stated	K16617
Glutinol	Triterpene	Entire plant Entire plant Leaf + stem	India Brazil Taiwan	Not stated Not stated 00.00140%	N07354 K26071 H07604
3'-4'-5'-5'-7-8-hexahydroxy flavone	Flavonoid	Entire plant	Paraguay	00.0016%	M18047
Hymenoxin	Flavone	Entire plant	Paraguay	00.00333%	M29003
Ifflaionic Acid	Triterpene	Entire plant Root	India Taiwan	Not stated Not stated	N07354 K03868
Linarin	Flavone	Entire plant	Paraguay	Not stated	M18047
Luteolin	Flavone	Entire plant	Paraguay	Not stated	M18047
Mannitol, d	Carbohydrate	Rootbark	India	Not stated	A14920
Scopadiol	Diterpene	Aerial parts Aerial parts Aerial parts	Taiwan China Thailand	00.05% 00.32% 00.45%	H11715 H11715 H11715
Scopadulcic Acid A	Diterpene	Entire plant Entire plant Entire plant	Paraguay Paraguay Paraguay	Not stated Not stated Not stated	H03213 M16400 M19811

Compound	Chemical Type	Plant Part	Plant Origin	Quantity	Journal #
Scopadulcic Acid B	Diterpene	Entire plant	Paraguay	Not stated	M25005
		Entire plant	Paraguay	Not stated	H04804
		Leaf	Not stated	Not stated	J11988
		Callus tissue	Not stated	Not stated	K11970
		Leaf	Paraguay	Not stated	M27930
		Entire plant	Paraguay	Not stated	H03213
		Entire plant	Paraguay	00.19333%	M29003
		Fruit	Paraguay	Not stated	M27930
		Entire plant	Paraguay	Not stated	M19811
		Stem	Paraguay	Not stated	M27930
		Root	Paraguay	Not stated	M27930
		Aerial parts	China	00.14%	H11715
		Aerial parts	Indonesia	00.40%	H11715
		Aerial parts	China	04.84%	H11715
Aerial parts	Thailand	00.19%	H11715		
Scopadulciol	Diterpene	Leaf	Not stated	Not stated	J11988
		Callus tissue	Paraguay	Not stated	J13351
		Leaf + stem	Taiwan	00.03533%	H07604
		Aerial parts	Taiwan	00.22%	H11715
		Aerial parts	China	00.8%	H11715
		Aerial parts	Thailand	00.21%	H11715
Scopadulin	Diterpene	Entire plant	Paraguay	Not stated	H06253

Compound	Chemical Type	Plant Part	Plant Origin	Quantity	Journal #
Scoparic Acid A	Diterpene	Entire plant	Paraguay	Not stated	H03568
		Entire plant	Paraguay	Not stated	H04804
		Callus tissue	Not stated	Not stated	K11970
		Entire plant	Paraguay	Not stated	M19811
		Leaf	Paraguay	Not stated	M27930
		Entire plant	Paraguay	Not stated	H11234
		Fruit	Paraguay	Not stated	M27930
		Entire plant	Paraguay	Not stated	H03213
		Stem	Paraguay	Not stated	M27930
		Root	Paraguay	Not stated	M27930
		Aerial parts	China	02.7%	H11715
		Aerial parts	Indonesia	01.87%	H11715
		Aerial parts	China	00.14%	H11715
		Aerial parts	Thailand	00.05%	H11715
Scoparic Acid B	Diterpene	Entire plant	Paraguay	Not stated	M19811
		Entire plant	Paraguay	00.002%	H11234
		Entire plant	Paraguay	Not stated	H04804
Scoparic Acid C	Diterpene	Entire plant	Paraguay	Not stated	M19811
		Entire plant	Paraguay	00.0007%	H11234
		Entire plant	Paraguay	Not stated	H04804
Scoparinol	Diterpene	Entire plant	Bangladesh	Not stated	L15592
		Entire plant	Bangladesh	00.05%	H06371
Scutellarein	Flavone	Leaf	India	Not stated	N02722
		Leaf	India	Not stated	T00235
		Entire plant	Paraguay	Not stated	M18047
Scutellarein, 7-o-methyl:	Flavone	Leaf	India	Not stated	N02722
		Leaf	India	Not stated	T00235
Scutellarein-7-o-beta-d-glucuronide	Flavone	Leaf	India	Not stated	N02722

Compound	Chemical Type	Plant Part	Plant Origin	Quantity	Journal #
Scutellarin	Flavone	Leaf Entire plant	India Paraguay	Not stated Not stated	T00235 M18047
Scutellarin Methyl Ester	Flavone	Entire plant	Paraguay	Not stated	M18047
Sitosterol, beta:	Steroid	Rootbark Entire plant	India Bangladesh	Not stated Not stated	A14920
Stigmasterol	Steroid	Entire plant	Bangladesh	Not stated	L16228
Taraxerol	Steroid	Entire plant	Bangladesh	Not stated	L16228
Vicenin 2	Flavone	Entire plant	Paraguay	Not stated	M18047
Vitexin	Flavone	Entire plant	Paraguay	Not stated	M18047
Vitexin, iso:	Flavone	Entire plant	Paraguay	Not stated	M18047

OTHER PHYTOCHEMICAL SCREENING:

ALKALOIDS ABSENT	LEAF + STEM	T05306
	ROOT	M15310
	FLOWERS	M15310
ALKALOIDS PRESENT	ENTIRE PLANT	L16047
	SHOOTS	M15310
FLAVONOIDS ABSENT	SHOOTS	M15310
	ROOT	M15310
FLAVONOIDS PRESENT	FLOWERS	M15310
SAPONINS PRESENT	SHOOTS	M15310
	ROOT	M15310

Return to the [Vassourinha Plant Database File](#)

Please read the [Conditions of Use](#) and [Copyright Statement](#) for this web file and website.