

Presence of Compounds in Abuta (Cissampelos pareira)

Compound	Chemical type	Plant Part	Plant Origin	Quantity	Ref #
Arachidic acid	Lipid	Root Root	India India	Not stated Not stated	W00767 W00770
Bebeerine, (DL):	Isoquinoline alkaloid	Root + Stem	India	00.15%	A05678
Beberine, (DL):	Isoquinoline alkaloid	Root + Stem	India	00.005%	A05678
Bulbocapnine	Isoquinoline alkaloid	Leaf + Stem	Pakistan	00.013333%	K29802
Chondodendrine, iso:	Isoquinoline alkaloid	Root Root + Stem Rootbark Root Root	Portugal India India Ghana Not stated	Not stated 00.20% Not stated Not stated Not stated	W00764 A05678 W00754 J09130 W00768
Chondodendrine, iso: (+):	Isoquinoline alkaloid	Root + Stem	India	Not stated	W00758
Cissamine	Isoquinoline alkaloid	Rootbark	India	00.229%	W01144
Cissampareine	Isoquinoline alkaloid	Entire plant	Peru	Not stated	A03934
Cissampelos pareira alkaloid A	Isoquinoline alkaloid	Rootbark	India	Not stated	W00754
Cissampelos pareira alkaloid B	Isoquinoline alkaloid	Rootbark	India	Not stated	W00754
Cissampelos pareira alkaloid C	Isoquinoline alkaloid	Rootbark	India	Not stated	W00754
Cissampelos pareira alkaloid D	Isoquinoline alkaloid	Rootbark	India	Not stated	W00754
Cissampelos pareira sterol (MP 140-141)	Steroid	Root Root	India India	Not stated Not stated	W00767 W00770
Corytuberine	Isoquinoline alkaloid	Leaf + Stem	Pakistan	00.018333%	K29802
Curine, (+):	Isoquinoline alkaloid	Root	India	00.33%	W00770

Curine, (-):	Isoquinoline alkaloid	Rootbark Root + Stem Leaf Rootbark Root Root Root + Stem	India India India India Not stated Madagascar India	Not stated 01.2% 00.036% Not stated Not stated Not stated Not stated	W00754 A05678 W00752 W01144 W00768 W00663 W00758
Curine, (dl):	Isoquinoline alkaloid	Bark	China	Not stated	T03501
Curine, 4"-methyl: (+,+):	Isoquinoline alkaloid	Root + Stem	Jamaica	00.014%	W00762
Cyclanoline	Isoquinoline alkaloid	Root	India	Not stated	W00757
Cycleanine	Isoquinoline alkaloid	Root Root Leaf	India Ghana India	Not stated Not stated Not stated	W01049 J09130 W00752
Dicentrine	Isoquinoline alkaloid	Root	Ghana	Not stated	J09130
Dicentrine, dehydro:	Isoquinoline alkaloid	Root	Ghana	Not stated	J09130
Essential oil	Essential oil	Root	India	00.2%	W00770
Grandirubrine	Isoquinoline alkaloid	Root	Brazil	00.000675%	H12546
Hayatine	Isoquinoline alkaloid	Root Root Root Rootbark Root Root Root Leaf Root Root + Stem	India India India India India India Not stated India Madagascar India	Not stated Not stated 00.65% Not stated Not stated 00.275% Not stated Not stated Not stated Not stated	W00767 W00756 W01315 W00754 W00765 W00770 W00768 W00752 W00663 W00758
Hayatinine	Isoquinoline alkaloid	Root Root Root Rootbark Root Leaf	India India India India India India	Not stated Not stated Not stated Not stated 00.0134% Not stated	W00755 W01315 W00756 W00754 W00770 W00752
Imeluteine, nor:	Isoquinoline alkaloid	Root	Not stated	00.000078%	H12261

Insularine	Isoquinoline alkaloid	Root	Ghana	Not stated	J09130
Laudanosine	Isoquinoline alkaloid	Leaf + Stem	Pakistan	00.01583%	K29802
Linoleic acid	Lipid	Root Root	India India	Not stated Not stated	W00767 W00770
Magnoflorine	Isoquinoline alkaloid	Leaf + Stem	Pakistan	00.015%	K29802
Menismine	Isoquinoline alkaloid	Rootbark	India	00.039%	W01144
Merubrine, iso:	Isoquinoline alkaloid	Root	Brazil	00.000116%	H12546
Nuciferine	Isoquinoline alkaloid	Leaf + stem	Pakistan	00.01666%	K29802
Pareirine	Isoquinoline alkaloid	Rootbark	India	00.153%	W01144
Pareirubrine	Isoquinoline alkaloid	Entire plant	Brazil	Not stated	H12881
Pareirubrine A	Isoquinoline alkaloid	Root	Brazil	00.000155%	H12546
Pareirubrine B	Isoquinoline alkaloid	Root	Brazil	00.000078%	H12546
Pareitropone	Isoquinoline alkaloid	Root	South America	00.0004%	H17803
Quercitol, D:	Carbohydrate	Leaf Root Root Root	India India India India	Not stated 00.643% Not stated Not stated	W00752 W00765 W00770 W00756
Ruffscine, nor:	Isoquinoline alkaloid	Root	Not stated	00.000077%	H12261
Stearic acid	Lipid	Root Root	India India	Not stated Not stated	W00767 W00770
Tetrandrine, (+):	Isoquinoline alkaloid	Part Not Specified Root	Thailand Thailand	Not stated 00.825%	B00008 W00772
Tetrandrinium, dimethyl:	Isoquinoline alkaloid	Root	Thailand	00.00128%	W00771

OTHER PHYTOCHEMICAL SCREENING:

Alkaloids Present	Stem	T05143
	Leaf	T05143
	Leaf + Root	L16047
Pyrrolizidine Alkaloids Absent	Stem	T05143
	Leaf	T05143

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