

Presence of Compounds in Anamu (*Petiveria alliacea*)

Compound	Chemical Type	Plant Part	Plant Origin	Quantity	Ref #
Allantoin	Alkaloid	Stem Leaf	Brazil Brazil	Not Stated Not Stated	H07043 H07043
Astilbin	Flavonoid	Leaf	Colombia	00.006%	H09229
Barbinervic Acid	Triterpene	Aerial Parts	Colombia	Not Stated	H17953
Barbinervic Acid,monomethyl:	Triterpene	Aerial Parts	Colombia	Not Stated	H17953
Benzyl-2-hydroxy-5-ethyl-trisulfide	Sulfur Compound	Root + Stem	Mexico	00.003%	A04680
Benzyl-hydroxy-methyl Sulfide	Sulfur Compound	Root	Brazil	Not Stated	H28091
Coumarin		Root	Not Stated	Not Stated	AB1003
Daucosterol	Steroid	Aerial Parts	Colombia	Not Stated	H17953
Di(benzyl-trithio)-methane	Sulfur Compound	Root	Brazil	Not Stated	H28091
Dibenzyl Disulfide	Sulfur Compound	Root	Brazil	Not Stated	H28091
Dibenzyl Sulfide	Sulfur Compound	Root	Brazil	Not Stated	H28091
Dibenzyl Tetrasulfide	Benzenoid	Root	Brazil	Not Stated	H28091
Dibenzyl Trisulfide	Sulfur Compound	Root Root	Brazil Brazil	00.0875% Not Stated	H07043 H28091
Dipropyl Disulfide	Sulfur Compound	Root	Brazil	Not Stated	H28091
Engeletin	Flavonoid	Leaf	Colombia	00.00923%	H09229
Friedelinol, alpha:	Triterpene	Leaf	Brazil	Not Stated	H07043
Illexgenin A,3-epi:	Triterpene	Aerial Parts	Colombia	Not Stated	H17953

Compound	Chemical Type	Plant Part	Plant Origin	Quantity	Ref #
KNO3	Inorganic	Root Stem Leaf	Brazil	Not Stated	H07043
Leridal	Flavanone	Leaf Aerial Parts	Colombia Columbia	00.00923% Not Stated	H09229 H17953
Leridal, 7-demethyl:	Flavanone	Aerial Parts	Colombia	Not Stated	H17953
Leridal-chalcone	Flavonoid	Aerial Parts	Colombia	Not Stated	H17953
Leridol	Flavanone	Leaf	Colombia	00.00461%	H09229
Leridol-5-methyl Ether	Flavanone	Leaf	Colombia	00.00384%	H09229
Lignoceric Acid	Lipid	Stem	Brazil	Not Stated	H07043
Lignoceryl Alcohol	Alkanol C5 or More	Leaf	Brazil	Not Stated	H07043
Lignoceryl Lignocerate	Lipid	Leaf	Brazil	Not Stated	H07043
Linoleic Acid	Lipid	Leaf	Brazil	Not Stated	H07043
Myricitrin	Flavonol	Leaf	Colombia	00.00384%	H09229
Nonadecanoic Acid	Lipid	Leaf	Brazil	Not Stated	H07043
Oleic Acid	Lipid	Leaf	Brazil	Not Stated	H07043
Palmitic Acid	Lipid	Leaf	Brazil	Not Stated	H07043
Petiveral	Flavanone	Aerial Parts	Colombia	Not Stated	H17953
Petiveral, 4-ethyl:	Flavanone	Aerial Parts	Colombia	Not Stated	H17953
Pinitol	Carbohydrate	Inflorescence	Brazil	Not Stated	H07043
Proline, trans-n-methyl-4-methoxy:	Alkaloid	Stem	Brazil	00.04005%	H07043
Sitosterol, beta:	Steroid	Root Aerial Parts Stem	Brazil Colombia Brazil	Not Stated Not Stated Not Stated	H07043 H17953 H07043

Compound	Chemical Type	Plant Part	Plant Origin	Quantity	Journal Ref*
S-benzyl-L-cysteine sulfoxide	Sulfur Compound	Root Stem Leaf	Not Stated	00.07%	AB1002
Stearic Acid	Lipid	Leaf	Brazil	Not Stated	H07043
Trithiolaniacine	Lipid	Root	Not Stated	Not Stated	AB1003
2-phenylmethyldithioethanol	Lipid	Not Stated	Not Stated	Not Stated	AB1005

OTHER PHYTOCHEMICAL SCREENING:

ALKALOIDS ABSENT	ROOT	W00375	FLAVONOIDS ABSENT	ROOT	W00375
	LEAF + STEM	A04418	GLUCOSINOLATES ABSENT	ENTIRE PLANT	W03866
ALKALOIDS PRESENT	LEAF	K03244	QUINONES ABSENT	ROOT	W00375
	ROOT	K03244	SAPONINS ABSENT	ROOT	W00375
	ENTIRE PLANT	L16047	STEROLS ABSENT	ROOT	W00375
COUMARINS PRESENT	ROOT	W00375	TRITERPENES ABSENT	ROOT	W00375
ESSENTIAL OILS ABSENT	ROOT	W00375	TANNINS ABSENT	ROOT	W00375

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