

## Presence of Compounds in Scarlet Bush (*Hamelia patens*)

Compound	Chemical type	Plant Part	Plant Origin	Quantity	Ref #
Apigenin-7-o-beta-d-glucuronide	Flavonoid	Flowers	India	Not Stated	N00739
Ephedrine, (-)	Isoquinoline alkaloid	Leaf + Twigs	India(cult)	00.05%	M28596
Flavanone, 2'-5'-7-tetrahydroxy: 7-o-rutinoside	Flavonoid	Leaf Aerial Parts	Peru Peru	Not Stated 00.00514%	K16396 M24472
Hamelia patens alkaloid A	Indole alkaloid	Aerial Parts Leaf	Spain El Salvador	Not Stated 00.00150%	N13486 N16374
Hamelia patens alkaloid B	Indole alkaloid	Aerial Parts Leaf	Spain El Salvador	Not Stated 00.00125%	N13486 N16374
Hamelia patens alkaloid C	Indole alkaloid	Aerial Parts	Spain	Not Stated	N13486
Maruquine, iso	Indole alkaloid	Leaf	Spain	Not Stated	N08570
Maruquine	Indole alkaloid	Leaf Aerial Parts Leaf	Spain Spain El Salvador	Not Stated Not Stated 00.00600%	N08570 N13486 N16374
Maruquine, iso	Indole alkaloid	Leaf	El Salvador	00.01750%	N16374
Narirutin	Flavonoid	Leaf	Peru	Not Stated	K16396
Narirutin, (2r)	Flavonoid	Aerial Parts	Peru	00.01054%	M24472
Narirutin, (2s)	Flavonoid	Aerial Parts	Peru	00.00454%	M24472
Palmirine	Indole alkaloid	Aerial Parts Leaf Aerial Parts	West Indies El Salvador Spain	Not Stated 00.00600% Not Stated	N02635 N16374 N13486
Pteropodine	Indole alkaloid	Aerial Parts Aerial Parts Leaf	Dominican Republic Spain El Salvador	Not Stated Not Stated 00.15250%	M23333 N13486 N16374

Compound	Chemical type	Plant Part	Plant Origin	Quantity	Ref #
Pteropodine, iso	Indole alkaloid	Aerial Parts	Dominican Republic	Not Stated	M23333
		Leaf	Not Stated	Not Stated	N00938
		Aerial Parts	Spain	Not Stated	N13486
		Leaf	Not Stated	00.08%	A06974
		Leaf	El Salvador	00.77500%	N16374
Rosmarinic acid	Phenylpropanoid	Aerial Parts	Peru	Not Stated	M24472
Rumberine	Indole alkaloid	Aerial Parts	West Indies	Not Stated	N02635
		Leaf	El Salvador	Not Stated	N16374
		Aerial Parts	Spain	Not Stated	N13486
Rutin	Flavonoid	Flowers	India	Not Stated	N00739
Seneciophylline		Plant	Not Stated	Not Stated	ZZ1047
Speciophylline	Indole alkaloid	Aerial Parts	Spain	Not Stated	N13486
		Leaf	El Salvador	Not Stated	N16374
Stigmast-4-en-3-6-dione	Steroid	Leaf	Not Stated	00.004%	M00250
Tannin	Tannin	Bark	Not Stated	150,000 ppm	ZZ1047

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