

## Presence of Compounds in Macela (*Achyrocline satureioides*)

Compound	Chemical Type	Plant Part	Plant Origin	Quantity	Ref #
Achyrocline polysaccharide as-3	Carbohydrate	Aerial parts	Not stated	Not stated	H09588
Achyrocline polysaccharide as-4	Carbohydrate	Aerial parts	Not stated	Not stated	H09588
Achyrofurane	Oxygen heterocycle	Entire plant	Peru	00.00006%	H29050
Auricepyrone, 6-o-demethyl-23-methyl	Misc lactone	Aerial parts	Paraguay	Not stated	M12711
Auricepyrone, 6-o-demethyl: 23-methyl	Misc lactone	Entire plant	Peru	00.038%	H29050
Cadinene, delta:	Sesquiterpene	Aerial parts	Paraguay	Not stated	M12711
Caffeic acid	Phenylpropanoid	Inflorescence Aerial parts Aerial parts	Brazil Argentina Argentina	00.5% Not stated Not stated	M29277 N10279 M20219
Calleryanin, caffeoyl:	Phenylpropanoid	Aerial parts	Argentina	Not stated	M20219
Calleryanin, caffeoyl	Benzenoid	Aerial parts	Argentina	Not stated	N10279
Calleryanin, protocatechuoyl:	Benzenoid	Aerial parts	Argentina	Not stated	N10279
Caryatin	Flavonol	Aerial parts	Argentina	Not stated	M20219
Caryophyllene	Sesquiterpene	Aerial parts	Paraguay	Not stated	M12711
Caryophyllene, beta:	Sesquiterpene	Leaf essential oil	Brazil	Not stated	M30468
Caryophyllene-1-10-epoxide	Sesquiterpene	Aerial parts	Paraguay	Not stated	M12711
Caryophyllene oxide	Sesquiterpene	Aerial parts	Paraguay	Not stated	M12711
Chlorogenic acid	Phenylpropanoid	Aerial parts	Argentina	Not stated	M20219
Chlorogenic acid, iso:	Phenylpropanoid	Aerial parts	Argentina	Not stated	M20219
Cineol, 1-8:	Monoterpene	Leaf essential oil	Brazil	Not stated	M30468
Flavone, 5-8-dihydroxy-3-7-dimethoxy	Flavonol	Aerial parts Aerial parts	Argentina Paraguay	Not stated Not stated	N10279 M12711
Flavone, 3-5-7-8-tetramethoxy:	Flavonol	Leaf	Brazil	00.02000%	H01770

Compound	Chemical Type	Plant Part	Plant Origin	Quantity	Ref #
Flavone, 5-7-8-trimethoxy	Flavone	Leaf	Brazil	00.02300%	H01770
Flavone, 7-hydroxy-3-5-8-trimethoxy:	Flavonol	Leaf	Brazil	00.02000%	H01770
Galangin	Flavonol	Aerial parts Aerial parts	Argentina Argentina	Not stated Not stated	N10279 M20219
Galangin, 3-methyl ether	Flavonol	Aerial parts Aerial parts	Argentina Argentina	Not stated Not stated	N10279 M20219
Germacrene d	Sesquiterpene	Aerial parts	Paraguay	Not stated	M12711
Gnapahaliin, iso:	Flavonol	Aerial parts	Argentina	Not stated	M20219
Gnaphaliin	Flavonol	Aerial parts	Argentina	Not stated	M20219
Italidipyrone	Misc lactone	Aerial parts	Paraguay	Not stated	M12711
Lauricepyrone, 6-o-demethyl-23-methyl	Misc lactone	Aerial parts	Paraguay	Not stated	M12711
Luteolin	Flavone	Inflorescence Inflorescence	Brazil Brazi	Not stated Not stated	J16125 M29277
Ocimene, beta: cis:	Monoterpene	Leaf essential oil	Brazil	Not stated	M30468
Ocimene, beta: trans:	Monoterpene	Leaf essential oil	Brazil	Not stated	M30468
Pinene, alpha:	Monoterpene	Leaf essential oil	Brazil	Not stated	M30468
Pyrone, alpha: 6-(4'-hydroxy-trans- styryl)-4-methoxy:	Misc lactone	Aerial parts	Brazil	00.01875%	N16558
Quercetagetin	Flavonol	Aerial parts	Argentina	Not stated	M20219
Quercetin	Flavonol	Inflorescence Inflorescence Aerial parts Aerial parts	Brazil Brazil Argentina Argentina	Not stated	J16125 M29277 N10279 M20219
Quercetin, 3-o-methyl	Flavonol	Not stated	Brazil	Not stated	Al1002
Quercetin-3-methyl ether	Flavonol	Aerial parts	Argentina	Not stated	M20219
Quercetin-3-methyl ether 7-diglucoside	Flavonol	Aerial parts	Argentina	Not stated	M20219

Compound	Chemical Type	Plant Part	Plant Origin	Quantity	Ref #
Scoparol	Flavonol	Inflorescence Inflorescence	Brazil Brazil	Not stated	M29277 J16125
Scoparone	Coumarin	Entire plant	Bolivia	Not stated	K23690
Tamarixetin	Flavonol	Aerial parts	Argentina	Not stated	M20219
Tamarixetin-7-glucoside	Flavonol	Aerial parts	Argentina	Not stated	M20219

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