

Presence of Compounds in Mulungu (*Erythrina mulungu*)

Compound	Chemical type	Plant Part	Plant Origin	Quantity	Ref #
Alanine	Proteid	Seed	Not stated	Not stated	J09666
Arginine	Proteid	Seed	Not stated	Not stated	J09666
Aspartic Acid	Proteid	Seed	Not stated	Not stated	J09666
Butyric acid, gamma-amino-	Proteid	Seed	Not stated	Not stated	J09666
Cristacarpin	Flavonoid	Wood Leaf	Japan Not stated	00.001% Not stated	H20235 N07061
Cristadine	Isoquinoline Alkaloid	Leaf	Japan	Not stated	N00599
Crystamidine	Isoquinoline Alkaloid	Seedling Leaf	Australia Japan	Not stated 00.0006%	K22434 K00691
Erybidine	Isoquinoline Alkaloid	Leaf	Japan	00.036%	K00691
Erycristagallin	Flavonoid	Root	Bolivia	00.00980%	M05541
Erycristanol A	Oxygen Heterocycle	Heartwood	Japan	00.00033%	H14534
Erycristanol B	Benzenoid	Heartwood	Japan	00.0004%	H14534
Erycristanol C	Oxygen Heterocycle	Heartwood	Japan	00.00026%	H14534
Erycristin	Flavonoid	Stembark	Bolivia	00.00954%	H03771
Erydotrine	Isoquinoline Alkaloid	Leaf	Japan	00.0018%	K00691
Erysodienone	Isoquinoline Alkaloid	Entire Plant	Not stated	Not stated	J07704
Erysodine	Isoquinoline Alkaloid	Leaf Seed	Japan Not stated	00.0072% Not stated	K00691 A05062
Erysonine	Isoquinoline Alkaloid	Seed Seed	Not stated Not stated	Not stated Not stated	A05062 A05062
Erysopine	Isoquinoline Alkaloid	Seed	Not stated	Not stated	A05062
Erysotrine	Isoquinoline Alkaloid	Seedling	Australia	Not stated	K22434
Erysovine	Isoquinoline Alkaloid	Seed	Not stated	Not stated	A05062
Erystagallin A	Flavonoid	Wood	Japan	00.000407%	H20235

Compound	Chemical type	Plant Part	Plant Origin	Quantity	Ref #
Erystagallin B	Flavonoid	Wood	Japan	00.000087%	H20235
Erystagallin C	Flavonoid	Wood	Japan	00.00014%	H20235
Erythrabyssin II	Flavonoid	Stembark	Bolivia	00.05417%	H03771
Erythraline	Isoquinoline Alkaloid	Leaf Seedling Flowers	Japan Australia India	00.053% Not stated 00.11000%	K00691 K22434 H03756
Erythraline, 11-beta-methoxy-n-oxide-	Isoquinoline Alkaloid	Flowers	India	00.05000%	H03756
Erythraline, 11-beta-methoxy-	Isoquinoline Alkaloid	Flowers	India	00.64000%	H03756
Erythraline, 8-oxo:	Isoquinoline Alkaloid	Seedling Leaf	Australia England	Not stated Not stated	K22434 N19334
Erythramine	Isoquinoline Alkaloid	Seed	Not stated	Not stated	A05062
Erythratine	Isoquinoline Alkaloid	Seed	Not stated	Not stated	A05062
Erythratine, 11-methoxy-	Isoquinoline Alkaloid	Flowers	India	00.04000%	H03756
<i>Erythrina christa-galli</i> proteinase	Proteid	Seed	Uruguay	Not stated	M14029
Inhibitor DE-1 <i>Erythrina christa-galli</i> proteinase	Proteid	Seed	Uruguay	Not stated	M14029
Inhibitor DE-2 <i>Erythrina christa-galli</i> proteinase	Proteid	Seed	Uruguay	Not stated	M14029
Inhibitor DE-3 <i>Erythrina christa-galli</i> proteinase	Proteid	Seed	Uruguay	Not stated	M14029
Inhibitor DE-4 <i>Erythrina christa-galli</i> proteinase	Proteid	Seed	Uruguay	Not stated	M14029
Inhibitor DE-5 <i>Erythrina christa-galli</i> proteinase	Proteid	Seed	Uruguay	Not stated	M14029
Inhibitor DE-6 <i>Erythrina christa-galli</i> proteinase	Proteid	Seed	Uruguay	Not stated	M14029
Inhibitor DE-7 <i>Erythrina christa-galli</i> proteinase	Proteid	Seed	Uruguay	Not stated	M14029
Inhibitor DE-8 <i>Erythrina christa-galli</i> proteinase	Proteid	Seed Flowers	Uruguay India	Not stated 01.80000%	M14029 H03756
Erythrinine, 8-oxo-	Isoquinoline Alkaloid	Flowers	India	00.20000%	H03756
Eryvariestyrene	Benzenoid	Heartwood	Japan	00.00033%	H14534
Glutamic Acid	Proteid	Seed	Not stated	Not stated	J09666

Compound	Chemical type	Plant Part	Plant Origin	Quantity	Ref #
Hypaphorine	Indole Alkaloid	Seed Seed	Not stated Not stated	Not stated Not stated	A05062 A05062
Lectin, <i>Erythrina cristagalli</i>		Not stated	Not stated	Not stated	AX1006
Medicarpin, dimethyl-	Flavonoid	Leaf	Not stated	Not stated	N07061
Olean-12-en-28-oic acid, 3-beta-acetoxy-	Triterpene	Leaf	Taiwan	Not stated	L02848
Olean-12-ene-3-beta-28-diol	Triterpene	Leaf	Taiwan	Not stated	L02848
Oleanolic acid	Triterpene	Leaf	Taiwan	Not stated	L02848
Oleanonic Acid	Triterpene	Leaf	Taiwan	Not stated	L02848
Orientaline, n-nor-	Isoquinoline Alkaloid	Leaf	Japan	00.083%	K00691
Ornithine, delta-acetyl-	Proteid	Seed	Not stated	Not stated	J09666
Phaseollidin	Flavonoid	Leaf Wood	Not stated Japan	Not stated 00.000067%	N07061 H20235
Phaseollidin, 6-alpha-hydroxy-2-(gamma-gamma-dimethyl-allyl)	Flavonoid	Wood	Japan	00.000048%	H20235
Sandwicensin	Flavonoid	Stembark	Bolivia	00.01458%	H03771
Urs-11-alpha-12-alpha-epoxy-13-beta-28-olide, 3-beta-hydroxy	Triterpene	Leaf	Taiwan	Not stated	L02848
Ursolic Acid	Triterpene	Leaf	Taiwan	Not stated	L02848
Vitexin	Flavone	Leaf	Taiwan	Not stated	L02848

OTHER PHYTOCHEMICAL SCREENING:

Alkaloids Present	Leaf	K03244
	Leaf	K03244
Coumarins Present	Seed	T00485

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