

(+)-Epipinoresinol**Chemical Properties**

CAS No.:	24404-50-0
Formula:	C ₂₀ H ₂₂ O ₆
Molecular Weight:	358.4
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

Biological Description

Description	(+)-Epipinoresinol is a natural product
Targets(IC ₅₀)	others: None
In vitro	Ten compounds were isolated from the stems of Brucea mollis by various chromatographic techniques such as column chromatography on silica gel and Sephadex LH-20, and preparative HPLC, and their structures were elucidated as deacetylated isobrucein B (1), indaquassin X (2), cleomiscosin A (3), cleomiscosin B (4), (+)-lyoniresinol (5), (+)-Epipinoresinol(6), (+)-pinoresinol (7), (+)-syringaresinol (8), 4,5-dihydroblumenol A (9) and adenosine (10) on the basis of spectroscopic data analysis. All compounds were obtained from this plant for the first time, moreover, compound 1 was a new natural product.

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.79 mL	13.951 mL	27.902 mL
5 mM	0.558 mL	2.79 mL	5.58 mL
10 mM	0.279 mL	1.395 mL	2.79 mL
50 mM	0.056 mL	0.279 mL	0.558 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Chemical constituents from stems of Brucea mollis and their cytotoxic activity. Zhongguo Zhong yao za zhi, 2013, 38(14):2321-2324.

Inhibitors · Natural Compounds · Compound Libraries

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