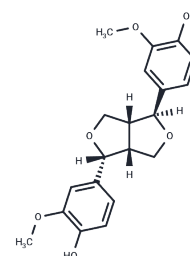


(+)-Epipinoresinol

Chemical Properties

CAS No. :	24404-50-0
Formula:	C ₂₀ H ₂₂ O ₆
Molecular Weight:	358.39
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	(+)-Epipinoresinol is a natural product
Targets(IC50)	Others
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.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7903 mL	13.9513 mL	27.9026 mL
5 mM	0.5581 mL	2.7903 mL	5.5805 mL
10 mM	0.279 mL	1.3951 mL	2.7903 mL
50 mM	0.0558 mL	0.279 mL	0.5581 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

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

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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