

cis-Clovamide

Chemical Properties

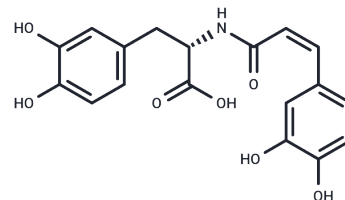
CAS No. : 53755-03-6

Formula: C₁₈H₁₇NO₇

Molecular Weight: 359.334

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	cis-Clovamide is a naturally occurring phenolic compound with noteworthy antioxidant, anti-inflammatory, and antiapoptotic properties.
In vitro	cis-Clovamide is a natural phenolic found in C. pentandra ethyl acetate extract[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.783 mL	13.9148 mL	27.8296 mL
5 mM	0.5566 mL	2.783 mL	5.5659 mL
10 mM	0.2783 mL	1.3915 mL	2.783 mL
50 mM	0.0557 mL	0.2783 mL	0.5566 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

Mohamed E Abouelela, et al. Ethyl acetate extract of Ceiba pentandra (L.) Gaertn. reduces methotrexate-induced renal damage in rats via antioxidant, anti-inflammatory, and antiapoptotic actions. J Tradit Complement Med.

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