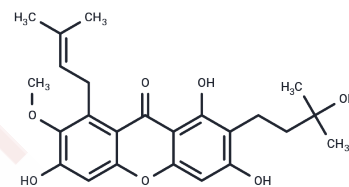


Cratoxylone

Chemical Properties

CAS No. :	149155-01-1
Formula:	C ₂₄ H ₂₈ O ₇
Molecular Weight:	428.47
Storage:	Store at low temperature Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Cratoxylone is derived from the bark of the Cochin tree and has anti-plasmodial activity and potential anti-tumor and antioxidant activity.
Targets(IC50)	Parasite, Antifungal

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3339 mL	11.6694 mL	23.3389 mL
5 mM	0.4668 mL	2.3339 mL	4.6678 mL
10 mM	0.2334 mL	1.1669 mL	2.3339 mL
50 mM	0.0467 mL	0.2334 mL	0.4668 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Lenta BN, et al. Antiplasmodial constituents from the fruit pericarp of *Pentadesma butyracea*. *Planta Med.* 2011 Mar;77(4):377-9.

Graham J. Bennett, et al. Triterpenoids, tocotrienols and xanthones from the bark of *Cratoxylum Cochinchinense*. *Phytochemistry*. Volume 32, Issue 5, March 1993, Pages 1245-1251.

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