
Product Data Sheet

Product Name: Cratoxylone

Cat. No.: GC35743

Chemical Properties

Cas. No. 149155-01-1

SMILES C/C(C)=C\CC1=C(OC)C(O)=CC(OC2=CC(O)=C(CCC(C)(O)C)C(O)=C23)=C1C3=OFormula C₂₄H₂₈O₇ M.Wt 428.47

Solubility Soluble in DMSO Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

Cratoxylone, isolated from the bark of *Cratoxylum Cochinchinense*, possesses antiplasmodial activity[1][2].

[1]. Graham J. Bennett, et al. Triterpenoids, tocotrienols and xanthenes from the bark of *Cratoxylum Cochinchinense*. *Phytochemistry*. Volume 32, Issue 5, March 1993, Pages 1245-1251. [2]. Lenta BN, et al. Antiplasmodial constituents from the fruit pericarp of *Pentadesma butyracea*. *Planta Med.* 2011 Mar;77(4):377-9.

Caution: Product has not been fully validated for medical applications. For research use only.

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