

Product Data Sheet

Product Name: Batatasin I

Cat. No.: GC71867

Chemical Properties

Cas. No. 51415-00-0

Formula $C_{17}H_{16}O_4$

M.Wt 284.31

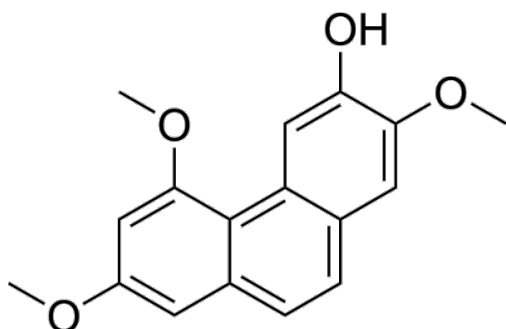
Solubility

Storage 4°C, protect from light

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

Batatasin I is a natural product that can be isolated from tuberous roots of *Dioscorea batatas*, with antifungal activity and anti-inflammatory effects.

Batatasin I shows anti-inflammatory effects via the inhibition of both eicosanoid generation and degranulation reaction in activated mast cells^[1].

References:

[1]. Yue Lu, et al. Batatasin I, a Naturally Occurring Phenanthrene Derivative, Isolated from Tuberous Roots of *Dioscorea batatas* Suppresses Eicosanoids Generation and Degranulation in Bone Marrow

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

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Derived-Mast Cells. Biol Pharm Bull. 2011;34(7):1021-5.

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