

Product Data Sheet

Product Name: (+)-Erinacin A

Cat. No.: GC70332

Chemical Properties

Cas. No. 156101-08-5

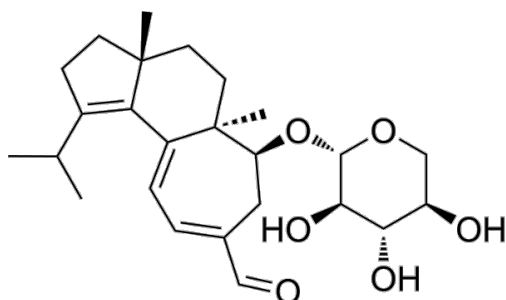
Formula $C_{25}H_{36}O_6$ M.Wt 432.55

Solubility Ethanol : 10 mg/mL (23.12 mM; Need ultrasonic) Storage -20°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

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

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(+)-Erinacin A is an anticancer compound that can be isolated from the mushroom *Herichium erinaceum*. (+)-Erinacin A has the capacity to trigger cancer cell death dependent on the production of reactive oxygen species (ROS). (+)-Erinacin A has anticancer and neuroprotective activity.

References:

[1]. Bailly C, et.al. Erinacine A and related cythane diterpenoids: Molecular diversity and mechanisms underlying their neuroprotection and anticancer activities. *Pharmacol Res.* 2020 Sep;159:104953.

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