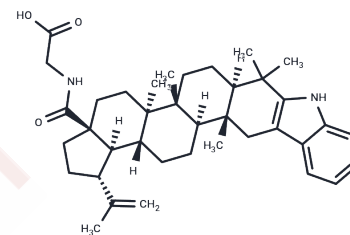


2,3-Indolobetulinic glycine amide

Chemical Properties

CAS No. :	905838-14-4
Formula:	C ₃₈ H ₅₂ N ₂ O ₃
Molecular Weight:	584.845
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	2,3-Indolobetulinic glycine amide is a pentacyclic triterpene and derivative of betulinic acid. It has been used in the synthesis of betulinic acid derivatives with anticancer activity.
Targets(IC50)	Others

Solubility Information

Solubility	Ethanol: 30 mg/mL (51.3 mM), Sonication is recommended. DMSO: 25 mg/mL (42.75 mM), Sonication is recommended. DMF: 30 mg/mL (51.3 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7098 mL	8.5492 mL	17.0984 mL
5 mM	0.342 mL	1.7098 mL	3.4197 mL
10 mM	0.171 mL	0.8549 mL	1.7098 mL
50 mM	0.0342 mL	0.171 mL	0.342 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

Kumar, V., Rani, N., Aggarwal, P., et al. Synthesis and cytotoxic activity of heterocyclic ring-substituted betulinic acid derivatives. *Bioorg. Med. Chem. Lett.* 18(18)5058-5062(2008)

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481