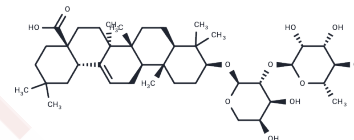


β -Hederin

Chemical Properties

CAS No. :	35790-95-5
Formula:	C ₄₁ H ₆₆ O ₁₁
Molecular Weight:	734.96
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	1. β -Hederin has antileishmanial activity. 2. β -Hederin has apoptotic effect on breast cancer cells, it could be a promising candidate for chemotherapy of breast cancer.
Targets(IC50)	Parasite

Solubility Information

Solubility	Pyridine, Methanol, etc.: Soluble, DMSO: Soluble, Ethanol: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3606 mL	6.8031 mL	13.6062 mL
5 mM	0.2721 mL	1.3606 mL	2.7212 mL
10 mM	0.1361 mL	0.6803 mL	1.3606 mL
50 mM	0.0272 mL	0.1361 mL	0.2721 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

Greunke C , Hage-Hülsmann, Anne, Sorkalla T , et al. A systematic study on the influence of the main ingredients of an ivy leaves dry extract on the β 2-adrenergic responsiveness of human airway smooth muscle cells[J]. Pulmonary Pharmacology & Therapeutics, 2015, 31:92-98.

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