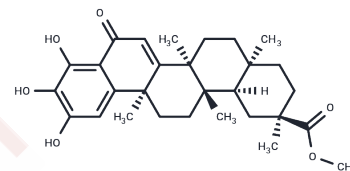


Blepharotriol

Chemical Properties

CAS No. :	849590-42-7
Formula:	C ₂₉ H ₃₈ O ₆
Molecular Weight:	482.61
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	Blepharotriol, a phenolic triterpene isolated from <i>Maytenus blepharodes</i> , exhibits antimicrobial activity, with a minimum inhibitory concentration (MIC) of 8–4 µg/ml against <i>Bacillus subtilis</i> . It also demonstrates cytotoxic activity, with half-maximal inhibitory concentrations (IC ₅₀ s) of 12.2 µM for HeLa cells, and greater than 20 µM for both Hep-2 and Vero cells [1].
Targets(IC ₅₀)	Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0721 mL	10.3603 mL	20.7207 mL
5 mM	0.4144 mL	2.0721 mL	4.1441 mL
10 mM	0.2072 mL	1.036 mL	2.0721 mL
50 mM	0.0414 mL	0.2072 mL	0.4144 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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