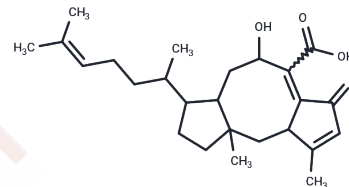


Cephalonic acid

Chemical Properties

CAS No. :	18456-04-7
Formula:	C ₂₅ H ₃₆ O ₄
Molecular Weight:	400.551
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	Cephalonic acid is a pentenyl-terpene compound that can be isolated from the fermentation broth of <i>Cephalosporium caerulescens</i> . It exhibits mild antibacterial activity against <i>Staphylococcus aureus</i> .
Targets(IC50)	Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4966 mL	12.4828 mL	24.9657 mL
5 mM	0.4993 mL	2.4966 mL	4.9931 mL
10 mM	0.2497 mL	1.2483 mL	2.4966 mL
50 mM	0.0499 mL	0.2497 mL	0.4993 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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