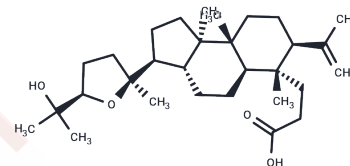


Shoreic acid

Chemical Properties

CAS No. :	21671-00-1
Formula:	C ₃₀ H ₅₀ O ₄
Molecular Weight:	474.72
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	Shoreic acid exhibits antibacterial activity against <i>E. coli</i> , <i>P. aeruginosa</i> , <i>S. aureus</i> , and <i>B. subtilis</i> with activity indices (AI) of 0.2, 0.3, 0.5 and 0.4, respectively, it also shows antifungal activity against <i>C. albicans</i> and <i>T. mentagrophytes</i> with AI of 0.2 and 0.3, respectively. Shoreic acid shows activity against <i>Mycobacterium tuberculosis</i> . Shoreic acid also has antiviral activity against Herpes simplex virus types I and II in vitro.
Targets(IC50)	Antifection,HSV

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1065 mL	10.5325 mL	21.065 mL
5 mM	0.4213 mL	2.1065 mL	4.213 mL
10 mM	0.2107 mL	1.0533 mL	2.1065 mL
50 mM	0.0421 mL	0.2107 mL	0.4213 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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