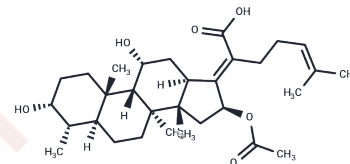


Lumifusidic Acid

Chemical Properties

CAS No. : 3482-49-3
 Formula: C₃₁H₄₈O₆
 Molecular Weight: 516.71
 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	Lumifusidic Acid, a derivative of Fusidic Acid, is classified as a static antibiotic. Fusidic Acid inhibits protein synthesis in prokaryotes by blocking the ribosome-dependent activity of the G factor and the translocation of peptidyl-tRNA. Additionally, this compound can inhibit the lytic effect of nitric oxide on islet cells.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9353 mL	9.6766 mL	19.3532 mL
5 mM	0.3871 mL	1.9353 mL	3.8706 mL
10 mM	0.1935 mL	0.9677 mL	1.9353 mL
50 mM	0.0387 mL	0.1935 mL	0.3871 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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