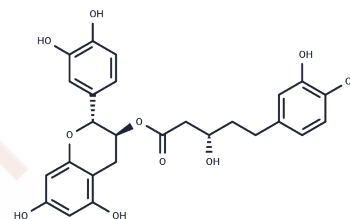


Phylloflavan

Chemical Properties

CAS No. : 98570-83-3
 Formula: C₂₆H₂₆O₁₀
 Molecular Weight: 498.48
 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	Phylloflavan, an antileishmanial compound, exhibits an intracellular half maximal effective concentration (EC ₅₀) of 3.2 nM in RAW 264.7 cells and inhibits the cytopathic effect of encephalomyocarditis virus on L929 fibroblast cells at 38 units per milliliter (U/mL) [1].
Targets(IC ₅₀)	Parasite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0061 mL	10.0305 mL	20.061 mL
5 mM	0.4012 mL	2.0061 mL	4.0122 mL
10 mM	0.2006 mL	1.003 mL	2.0061 mL
50 mM	0.0401 mL	0.2006 mL	0.4012 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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