

Antileishmanial agent-18

Chemical Properties

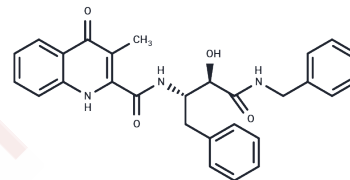
CAS No. : 1007567-02-3

Formula: C₂₈H₂₇N₃O₄

Molecular Weight: 469.53

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	Antileishmanial agent-18 (Compound 1e) serves as an effective inhibitor of <i>L. donovani</i> promastigotes' growth, while maintaining safety for host cells [1].
Targets(IC50)	Parasite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1298 mL	10.6489 mL	21.2979 mL
5 mM	0.426 mL	2.1298 mL	4.2596 mL
10 mM	0.213 mL	1.0649 mL	2.1298 mL
50 mM	0.0426 mL	0.213 mL	0.426 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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