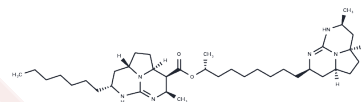


Batzelladine F

Chemical Properties

CAS No. :	188112-82-5
Formula:	C37H64N6O2
Molecular Weight:	624.94
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	Batzelladine F is a potent inhibitor of Plasmodium falciparum with an IC50 of 0.13 μ M against the 3D7 strain. It exhibits moderate cytotoxicity towards HepG2 cells, with a CC50 of 10.6 μ M, and demonstrates antimalarial activity. Batzelladine F is a promising candidate for antimalarial research.
Targets(IC50)	Parasite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6002 mL	8.0008 mL	16.0015 mL
5 mM	0.320 mL	1.6002 mL	3.2003 mL
10 mM	0.160 mL	0.8001 mL	1.6002 mL
50 mM	0.032 mL	0.160 mL	0.320 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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