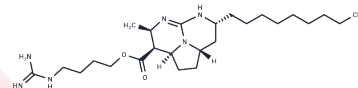


Batzelladine D

Chemical Properties

CAS No. :	161596-65-2
Formula:	C ₂₅ H ₄₆ N ₆ O ₂
Molecular Weight:	462.67
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 D, also known as Compound 1, functions as an inhibitor of the Pdr5p transporter's catalytic and functional activities, demonstrating inhibitory action against Pdr5p ATPase activity with an IC ₅₀ value of 7.1 μM. Additionally, it exhibits a range of bioactivities including antifungal, antiparasitic, antiviral, antibacterial, and antitumoral properties [1].
Targets(IC ₅₀)	Others,Antibacterial,Parasite,Antifungal

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1614 mL	10.8068 mL	21.6137 mL
5 mM	0.4323 mL	2.1614 mL	4.3227 mL
10 mM	0.2161 mL	1.0807 mL	2.1614 mL
50 mM	0.0432 mL	0.2161 mL	0.4323 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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