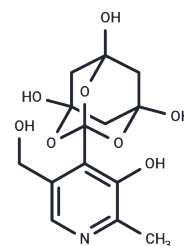


Bananin

Chemical Properties

CAS No. :	665026-57-3
Formula:	C ₁₄ H ₁₇ N ₀ O ₈
Molecular Weight:	327.289
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	Bananin, a potent inhibitor of the ATPase activity exhibited by the SARS Coronavirus helicase, demonstrates remarkable efficacy with an IC ₅₀ value of 2.3 μM.
Targets(IC ₅₀)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0554 mL	15.277 mL	30.5539 mL
5 mM	0.6111 mL	3.0554 mL	6.1108 mL
10 mM	0.3055 mL	1.5277 mL	3.0554 mL
50 mM	0.0611 mL	0.3055 mL	0.6111 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.

Reference

Tanner JA, et al. The adamantane-derived bananins are potent inhibitors of the helicase activities and replication of SARS coronavirus. Chem Biol. 2005 Mar;12(3):303-11.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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