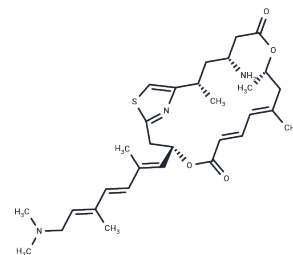


Pateamine A

Chemical Properties

CAS No. :	139220-18-1
Formula:	C ₃₁ H ₄₅ N ₃ O ₄ S
Molecular Weight:	555.77
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	Pateamine A is a marine macrolide that is isolated from the sponge <i>Mycale hentscheli</i> and exhibits anticancer and antiviral properties. It has a role as a marine metabolite, an antiviral agent, an antineoplastic agent, and a eukaryotic initiation factor 4F inhibitor. It is a macrolide, a member of 1,3-thiazoles, a tertiary amino compound, a primary amino compound, and an olefinic compound. Pateamine A an inhibitor of eukaryotic translation.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7993 mL	8.9965 mL	17.9931 mL
5 mM	0.3599 mL	1.7993 mL	3.5986 mL
10 mM	0.1799 mL	0.8997 mL	1.7993 mL
50 mM	0.036 mL	0.1799 mL	0.3599 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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