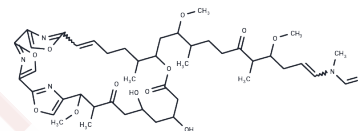


Jaspisamide A

Chemical Properties

CAS No. :	149420-76-8
Formula:	C44H62N4O13
Molecular Weight:	854.995
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	Jaspisamide A is an type of actin-binding protein.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1696 mL	5.848 mL	11.6959 mL
5 mM	0.2339 mL	1.1696 mL	2.3392 mL
10 mM	0.117 mL	0.5848 mL	1.1696 mL
50 mM	0.0234 mL	0.117 mL	0.2339 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

- Tanaka J, Yan Y, Choi J, Bai J, Klenchin VA, Rayment I, Marriott G. Biomolecular mimicry in the actin cytoskeleton: mechanisms underlying the cytotoxicity of kabiramide C and related macrolides. Proc Natl Acad Sci U S A. 2003 Nov 25;100(24):13851-6. Epub 2003 Nov 11. PubMed PMID: 14612571; PubMed Central PMCID: PMC283510.
- Klenchin VA, Allingham JS, King R, Tanaka J, Marriott G, Rayment I. Trisoxazole macrolide toxins mimic the binding of actin-capping proteins to actin. Nat Struct Biol. 2003 Dec;10(12):1058-63. Epub 2003 Oct 26. PubMed PMID: 14578936.
- Kobayashi J, Murata O, Shigemori H. Jaspisamides A-C, new cytotoxic macrolides from the Okinawan sponge Jaspis sp. J Nat Prod. 1993 May;56(5):787-91. PubMed PMID: 8326327.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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