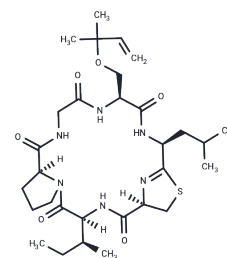


Keenamide A

Chemical Properties

CAS No. :	177742-52-8
Formula:	C30H48N6O6S
Molecular Weight:	620.81
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	Keenamide A, a cytotoxic cyclic hexapeptide, exhibits significant activity towards the P-388, A-549, MEL-20, and HT-29 tumor cell lines, but was inactive against the D6 and W2 Plasmodium falciparum malarial clones.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6108 mL	8.054 mL	16.108 mL
5 mM	0.3222 mL	1.6108 mL	3.2216 mL
10 mM	0.1611 mL	0.8054 mL	1.6108 mL
50 mM	0.0322 mL	0.1611 mL	0.3222 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

Wesson KJ, Hamann MT. Keenamide A, a bioactive cyclic peptide from the marine mollusk *Pleurobranchus forskalii*. *J Nat Prod.* 1996 Jun;59(6):629-31. PubMed PMID: 8786369.

Donia MS, Wang B, Dunbar DC, Desai PV, Patny A, Avery M, Hamann MT. Mollamides B and C, Cyclic hexapeptides from the Indonesian tunicate *Didemnum molle*. *J Nat Prod.* 2008 Jun;71(6):941-5. doi: 10.1021/np700718p. Epub 2008 Jun 11. PubMed PMID: 18543965; PubMed Central PMCID: PMC2651694.

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481