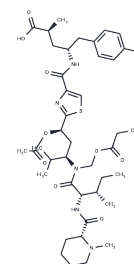


Tubulysin C

Chemical Properties

CAS No. :	205304-88-7
Formula:	C ₄₁ H ₆₁ N ₅ O ₁₀ S
Molecular Weight:	816.02
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	Tubulysin C is a natural product isolated from the myxobacterial species Archangium geophyra and Angiococcus disciformis, and is a highly cytotoxic peptide.
Targets(IC50)	Microtubule Associated,ADC Cytotoxin

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2255 mL	6.1273 mL	12.2546 mL
5 mM	0.2451 mL	1.2255 mL	2.4509 mL
10 mM	0.1225 mL	0.6127 mL	1.2255 mL
50 mM	0.0245 mL	0.1225 mL	0.2451 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

Kubicek K, et al. The tubulin-bound structure of the antimetabolic drug tubulysin. *Angew Chem Int Ed Engl.* 2010 Jun 28;49(28):4809-12.

Vlahov IR, et al. Acid mediated formation of an N-acyliminium ion from tubulysins: a new methodology for the synthesis of natural tubulysins and their analogs. *Bioorg Med Chem Lett.* 2011 Nov 15;21(22):6778-81.

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