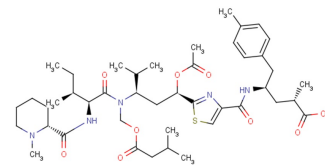


Tubulysin

Chemical Properties

CAS No.:	1943604-24-7
Formula:	C ₄₄ H ₆₇ N ₅ O ₉ S
Molecular Weight:	842.1
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	Tubulysin family are originally isolated from the myxobacteria <i>Archangium geophyra</i> and <i>Angiococcus disciformis</i> , and are potent microtubule destabilizing agents.
Targets(IC ₅₀)	Others: None

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.188 mL	5.938 mL	11.875 mL
5 mM	0.238 mL	1.188 mL	2.375 mL
10 mM	0.119 mL	0.594 mL	1.188 mL
50 mM	0.024 mL	0.119 mL	0.238 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Leamon CP, et al. Prostate-Specific Membrane Antigen-Specific Antitumor Activity of a Self-Immolative Tubulysin Conjugate. *Bioconjug Chem.* 2019 Jun 19;30(6):1805-1813.

Inhibitors · Natural Compounds · Compound Libraries

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