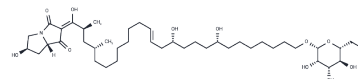


Burnettramic Acid A

Chemical Properties

CAS No. :	2334483-46-2
Formula:	C41H71NO12
Molecular Weight:	770.014
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Burnettramic acid A is a fungal metabolite originally isolated from <i>A. burnettii</i> that has diverse biological activities. It is active against <i>B. subtilis</i> , <i>S. aureus</i> , <i>C. albicans</i> , and <i>S. cerevisiae</i> (IC50s = 2.3, 5.9, 0.5, and 0.2 µg/ml, respectively). Burnettramic acid A is cytotoxic to NS-1 murine myeloma cells but not neonatal foreskin fibroblasts (IC50s = 13.8 and >100 µg/ml, respectively).
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2987 mL	6.4934 mL	12.9868 mL
5 mM	0.2597 mL	1.2987 mL	2.5974 mL
10 mM	0.1299 mL	0.6493 mL	1.2987 mL
50 mM	0.026 mL	0.1299 mL	0.2597 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.

Reference

Li, H., Gilchrist, C.L.M., Lacey, H.J., et al. Discovery and heterologous biosynthesis of the burnettramic acids: Rare PKS-NRPS-derived bolaamphiphilic pyrrolizidinediones from an Australian fungus, *Aspergillus burnettii* Org. Lett.

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