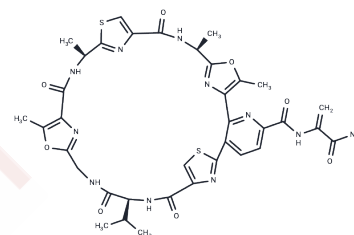


Promothiocin A

Chemical Properties

CAS No. :	156737-05-2
Formula:	C ₃₆ H ₃₇ N ₁₁ O ₈ S ₂
Molecular Weight:	815.88
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	Promothiocin A is an antibiotic.
Targets(IC50)	Others,Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2257 mL	6.1284 mL	12.2567 mL
5 mM	0.2451 mL	1.2257 mL	2.4513 mL
10 mM	0.1226 mL	0.6128 mL	1.2257 mL
50 mM	0.0245 mL	0.1226 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

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Yun BS, Hidaka T, Furihata K, Seto H. Promothiocins A and B novel thiopeptides with a tipA promoter inducing activity produced by *Streptomyces* sp. SF2741. *J Antibiot (Tokyo)*. 1994 Apr;47(4):510-4. PubMed PMID: 8195055.

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