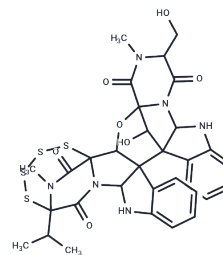


Leptosin I

Chemical Properties

CAS No. :	160472-96-8
Formula:	C ₃₂ H ₃₂ N ₆ O ₇ S ₄
Molecular Weight:	740.89
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	Leptosin I is an epitetrathiodioxopiperazine.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3497 mL	6.7486 mL	13.4973 mL
5 mM	0.2699 mL	1.3497 mL	2.6995 mL
10 mM	0.135 mL	0.6749 mL	1.3497 mL
50 mM	0.027 mL	0.135 mL	0.2699 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

Takahashi C, Numata A, Matsumura E, Minoura K, Eto H, Shingu T, Ito T, Hasegawa T. Leptosins I and J, cytotoxic substances produced by a Leptosphaeria sp. Physico-chemical properties and structures. J Antibiot (Tokyo). 1994 Nov;47(11):1242-9. PubMed PMID: 8002386.

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