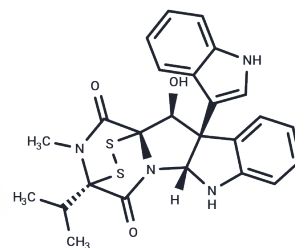


Leptosin D

Chemical Properties

CAS No. :	159518-77-1
Formula:	C ₂₅ H ₂₄ N ₄ O ₃ S ₂
Molecular Weight:	492.61
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 D, a thiodiketopiperazine alkaloid derived from mushrooms, effectively inhibits tyrosinase activity, demonstrating an inhibition concentration (IC ₅₀) value of 28.4 μM [1].
Targets(IC ₅₀)	Others, Tyrosinase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.030 mL	10.150 mL	20.300 mL
5 mM	0.406 mL	2.030 mL	4.060 mL
10 mM	0.203 mL	1.015 mL	2.030 mL
50 mM	0.0406 mL	0.203 mL	0.406 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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