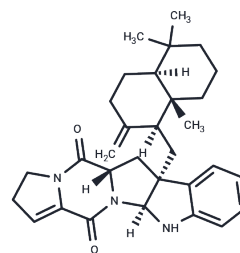


Drimentine B

Chemical Properties

CAS No. :	204398-91-4
Formula:	C ₃₁ H ₃₉ N ₃ O ₂
Molecular Weight:	485.66
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	Drimentine B is a terpenylated diketopiperazine antibiotic originally isolated from Actinomycete bacteria. It is active against Gram-positive and Gram-negative bacteria, fungi, and yeast, and possesses anthelmintic properties. Drimentine B inhibits the proliferation of NS-1 murine β lymphocyte myeloma cells by 41% and 59% in vitro at concentrations of 50 μ g/ml and 100 μ g/ml, respectively.
Targets(IC50)	Others,Endogenous Metabolite

Solubility Information

Solubility	Methanol: Soluble Ethanol: Soluble DMF: Soluble DMSO: Soluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0591 mL	10.2953 mL	20.5905 mL
5 mM	0.4118 mL	2.0591 mL	4.1181 mL
10 mM	0.2059 mL	1.0295 mL	2.0591 mL
50 mM	0.0412 mL	0.2059 mL	0.4118 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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