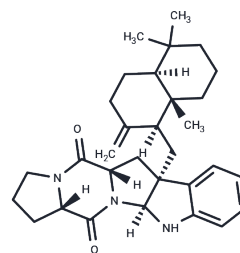


Drimentine C

Chemical Properties

CAS No. :	204398-92-5
Formula:	C ₃₁ H ₄₁ N ₃ O ₂
Molecular Weight:	487.68
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 C is a terpenylated diketopiperazine antibiotic, originally isolated from Actinomycete bacteria, that inhibits the proliferation of NS-1 murine β lymphocyte myeloma cells by 63% and 98% in vitro at concentrations of 12.5 and 100 $\mu\text{g/ml}$, respectively.
Targets(IC50)	Others,Antibiotic

Solubility Information

Solubility	Ethanol: Soluble DMSO: Soluble Methanol: Soluble DMF: Soluble ($< 1 \text{ mg/ml}$ refers to the product slightly soluble or insoluble)
------------	--

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0505 mL	10.2526 mL	20.5052 mL
5 mM	0.4101 mL	2.0505 mL	4.101 mL
10 mM	0.2051 mL	1.0253 mL	2.0505 mL
50 mM	0.041 mL	0.2051 mL	0.4101 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

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