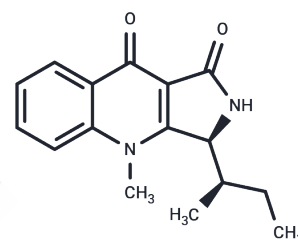


Quinolactacin A

Chemical Properties

CAS No. :	319917-25-4
Formula:	C ₁₆ H ₁₈ N ₂ O ₂
Molecular Weight:	270.332
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	Quinolactacin A is a quinolone fungal metabolite originally isolated from <i>Penicillium</i> . It inhibits TNF production induced by LPS in murine peritoneal macrophages (IC ₅₀ = 12.2 µg/ml). It is not active against a variety of bacteria, fungi, and yeasts. Quinolactacin A is a mixture of quinolactacin A1 and A2.
Targets(IC ₅₀)	Others

Solubility Information

Solubility	DMSO: Soluble Ethanol: 1 mg/mL (3.7 mM), Sonication is recommended. Methanol: Soluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.6992 mL	18.4959 mL	36.9918 mL
5 mM	0.7398 mL	3.6992 mL	7.3984 mL
10 mM	0.3699 mL	1.8496 mL	3.6992 mL
50 mM	0.074 mL	0.3699 mL	0.7398 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