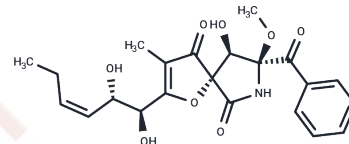


Pseurotin A

Chemical Properties

CAS No. :	58523-30-1
Formula:	C ₂₂ H ₂₅ N ₀ O ₈
Molecular Weight:	431.44
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	Pseurotin A has immunosuppressive activity, it inhibits immunoglobulin E(IgE) production in vitro. It shows a moderate effect against the phytopathogenic bacteria <i>Erwinia carotovora</i> and <i>Pseudomonas syringae</i> , with IC ₅₀ values of 220 and 112 microg ml ⁻¹ , respectively. Pseurotin A shows to be active against the proliferation of four different glioma cells with IC ₅₀ values of 0.51-29.3 uM, the targeting multiple metabolic enzymes might be one of the anti-glioma mechanisms of pseurotin A.
Targets(IC ₅₀)	Endogenous Metabolite, Antifection

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3178 mL	11.5891 mL	23.1782 mL
5 mM	0.4636 mL	2.3178 mL	4.6356 mL
10 mM	0.2318 mL	1.1589 mL	2.3178 mL
50 mM	0.0464 mL	0.2318 mL	0.4636 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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