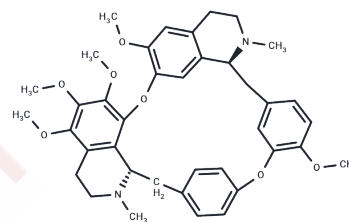


Thalrugosaminine

Chemical Properties

CAS No. :	22226-73-9
Formula:	C39H44N2O7
Molecular Weight:	652.78
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	Thalrugosaminine shows promising antibacterial activity with MIC values of 64-128ug/ml and Staphylococcus species is the most sensitive strains. Thalrugosaminine possesses hypotensive activity in rabbits and is active against Mycobacterium smegmatis.
Targets(IC50)	Antibacterial, Antifection

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5319 mL	7.6595 mL	15.3191 mL
5 mM	0.3064 mL	1.5319 mL	3.0638 mL
10 mM	0.1532 mL	0.766 mL	1.5319 mL
50 mM	0.0306 mL	0.1532 mL	0.3064 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.

Reference

Isolation and characterization of three benzyloquinoline alkaloids from *Thalictrum minus* L. and their antibacterial activity against bovine mastitis. *J Ethnopharmacol.* 2016 Dec 4;193:221-226.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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