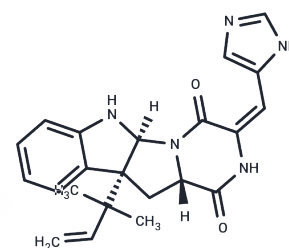


Roquefortine C

Chemical Properties

CAS No. :	58735-64-1
Formula:	C ₂₂ H ₂₃ N ₅ O ₂
Molecular Weight:	389.45
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	Roquefortine C is a fungal cyclopeptide isolated from <i>Penicillium roquefortii</i> , activates P-gp and also inhibits P450-3A and other haemoproteins
Targets(IC50)	Others,Endogenous Metabolite,Antibacterial,c-Met/HGFR,Cytochromes P450,P-gp

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5677 mL	12.8386 mL	25.6772 mL
5 mM	0.5135 mL	2.5677 mL	5.1354 mL
10 mM	0.2568 mL	1.2839 mL	2.5677 mL
50 mM	0.0514 mL	0.2568 mL	0.5135 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

García-Rico RO, et al. Effect of a heterotrimeric G protein alpha subunit on conidia germination, stress response, and roquefortine C production in *Penicillium roquefortii*. *Food Addit Contam.* 2005 Apr;22(4):361-8.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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