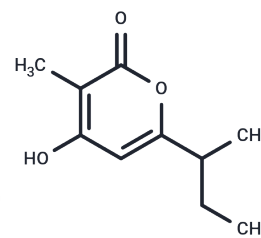


Germicidin C

Chemical Properties

CAS No. :	919288-75-8
Formula:	C ₁₀ H ₁₄ O ₃
Molecular Weight:	182.216
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	Germicidin C, a microbial metabolite with antibacterial properties, is found in the sponge-like fungus <i>Aspergillus niger</i> . It inhibits the growth of various pathogenic bacteria, such as <i>Staphylococcus aureus</i> and <i>Escherichia coli</i> , with a minimum inhibitory concentration (MIC) ranging from 32-64 µg/mL.
Targets(IC50)	Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.4879 mL	27.4394 mL	54.8787 mL
5 mM	1.0976 mL	5.4879 mL	10.9757 mL
10 mM	0.5488 mL	2.7439 mL	5.4879 mL
50 mM	0.1098 mL	0.5488 mL	1.0976 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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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481