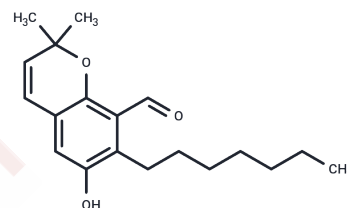


Asperglaucin B

Chemical Properties

CAS No. :	2701570-80-9
Formula:	C ₁₉ H ₂₆ O ₃
Molecular Weight:	302.41
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	Asperglaucin B, an alkyated salicylaldehyde derivative isolated from the fungus <i>Aspergillus chevalieri</i> SQ-8, exhibits significant antibacterial properties. This compound demonstrates potent activity against the plant pathogens <i>Pseudomonas syringae</i> pv <i>actinidae</i> (Psa) and <i>Bacillus cereus</i> , achieving a minimum inhibitory concentration (MIC) value of 6.25 μM [1].
Targets(IC50)	Others,Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3068 mL	16.5338 mL	33.0677 mL
5 mM	0.6614 mL	3.3068 mL	6.6135 mL
10 mM	0.3307 mL	1.6534 mL	3.3068 mL
50 mM	0.0661 mL	0.3307 mL	0.6614 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