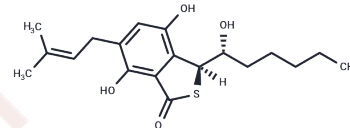


## Asperglaucin A

## Chemical Properties

CAS No. :	2701570-79-6
Formula:	C <sub>19</sub> H <sub>26</sub> O <sub>4</sub> S
Molecular Weight:	350.47
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 A, an atypical phthalide-like derivative, exhibits potent antibacterial activities, demonstrating effectiveness against the plant pathogens <i>Pseudomonas syringae</i> pv <i>actinidae</i> (Psa) and <i>Bacillus cereus</i> , with a minimum inhibitory concentration (MIC) of 6.25 $\mu$ M [1].
Targets(IC50)	Others,Endogenous Metabolite,Antibacterial

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8533 mL	14.2666 mL	28.5331 mL
5 mM	0.5707 mL	2.8533 mL	5.7066 mL
10 mM	0.2853 mL	1.4267 mL	2.8533 mL
50 mM	0.0571 mL	0.2853 mL	0.5707 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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