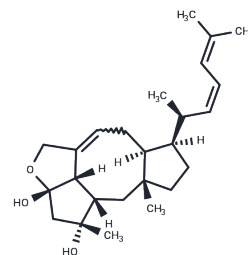


Ophiobolin H

Chemical Properties

CAS No. :	90108-64-8
Formula:	C ₂₅ H ₃₈ O ₃
Molecular Weight:	386.57
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	Ophiobolin H, a metabolite derived from the fungus <i>Aspergillus ustus</i> , inhibits the growth of <i>Bacillus subtilis</i> cultures and can cause hyperacusia in one-day-old chicks at dosages up to 375 mg/kg.
Targets(IC50)	Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5869 mL	12.9343 mL	25.8685 mL
5 mM	0.5174 mL	2.5869 mL	5.1737 mL
10 mM	0.2587 mL	1.2934 mL	2.5869 mL
50 mM	0.0517 mL	0.2587 mL	0.5174 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