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DATASHEET

Ambuic acid

Product overview

Name	Ambuic acid
Cat No	HB3759
Biological action	Antibiotic
Purity	>95%
Description	Antibiotic with antibacterial and antifungal activities

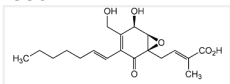
Biological Data

Biological description	Antibiotic. Antibacterial. Antifungal. Inhibits the biosynthesis of cyclic peptide quorumones in Gram-positive bacteria. Lead compound for antipathogenic drugs that target the quorum-sensing-mediated virulence expression of Gram-positive bacteria.
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Solubility & Handling

Storage instructions	+4 °C
Important	This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.

Chemical Data

Molecular Weight	350.4
Chemical structure	
Molecular Formula	C ₁₉ H ₂₆ O ₆
CAS Number	340774-69-8
PubChem identifier	11152290
SMILES	CCCCC/C=C/C1=C([C@H]([C@H]2O[C@]2(C1=O)C/C=C(C(O)=O)\C)O)CO
InChiKey	UDSQZJMGPSRCEM-HDKVZZTHSA-N
Appearance	Off-white solid