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DATASHEET

(R,R)-Hymeglusin

Product overview

Name	(R,R)-Hymeglusin
Cat No	HB3701
Purity	>95%
Description	Specific and irreversible HMG-CoA synthase inhibitor

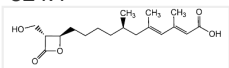
Biological Data

Biological description	beta-Lactone antibiotic. Antibacterial and antifungal. Specific and irreversible inhibitor of 3-hydroxy-3-methylglutaryl coenzyme A (HMG-CoA) synthase in vitro and in vivo by covalently modifying the active Cys129 residue of the enzyme. Mevalonate biosynthesis inhibitor.
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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	324.4
Chemical structure	
CAS Number	29066-42-0
PubChem identifier	0
SMILES	<chem>C[C@H](CCCC[C@H]1OC(=O)[C@@H]1CO)C\C(C)=C\C(C)=C\C(O)=O</chem>
InChiKey	ODCZJZWSXPVLAW-KXCGKLMDSA-N
Appearance	White to off-white solid