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DATASHEET

Enterocin

Product overview

Name	Enterocin
Cat No	HB3888
Alternative names	Vulgamycin
Purity	>95%
Description	Antibiotic. Shows antibacterial activity.

Biological Data

Biological description	Potent antibiotic. Bacteriocin. Antibacterial. Broad spectrum activity against Gram-positive and Gram-negative bacteria. Herbicidal. Enterocin is a small molecular weight secondary metabolite and should not be confused with bacterial proteins isolated from Enterococci generically referred to as "enterocins".
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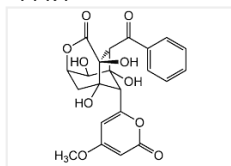
Solubility & Handling

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
Chemical structure

444.4



Molecular Formula
CAS Number
PubChem identifier
SMILES
InChi

C₂₂H₂₀O₁₀

59678-46-5

463729

COC1=CC(=O)OC(=C1)C2C3(O)CC4OC(=O)C3(O)C(C(=O)c5ccccc5)C2(O)C4O

InChI=1S/C22H20O10/c1-30-11-7-12(31-14(23)8-11)16-20(27)9-13-18(25)21(16,28)17(22(20,29)19(26)32-13)15(24)10-5-3-2-4-6-10/h2-8,13,16-18,25,27-29H,9H2,1H3/t13-,16-,17+,18-,20-,21+,22-/m1/s1

InChiKey
Appearance

CTBBEXWJRAPJIZ-OTKDDRNC-SA-N

White solid