

Product Datasheet

Antimycin A (orb320471)

Catalog Number	orb320471
Category	Small Molecules
Description	Antimycin A (also known as Isovaleric acid 8-ester with 3-formamido-N-(7-hexyl-8-hydroxy-4,9-dimethyl-2,6-dioxo-1,5-dioxonan-3,yl)- salicylamide; CAS number: 1397-94-0) is a compound with a molecular weight of 548.63 Da.
Form/Appearance	powder
Purity	>97%
MW	548.6
Application notes	White to off white powder
Solubility (25°C)	Soluble in DMSO (up to 35 mg/ml) or in Ethanol (up to 50 mg/ml).
CAS Number	1397-94-0
Formula	C ₂₈ H ₄₀ N ₂ O ₉ (Antimycin A)
SMILES	<chem>CCCCCCC1C(C(OC(=O)C(C(OC1=O)C)NC(=O)C2=C(C(=CC=C2)NC=O)O)C)OC(=O)CC(C)C</chem>
Chemical Name	Mixture of Antimycin A subunits, Produced from Streptomyces sp.
Storage	-20°C
Hazard Information	Chemical Hazard Code: T. UN Number: UN number: 3462 Class: 6.1 Packing group: II Proper shipping names: Toxins, extracted from living sources, solid, n.o.s. (Antimycin A) Reportable quantity (RQ): Marine pollutant: No Poison inhalation hazard: No
Note	For research use only

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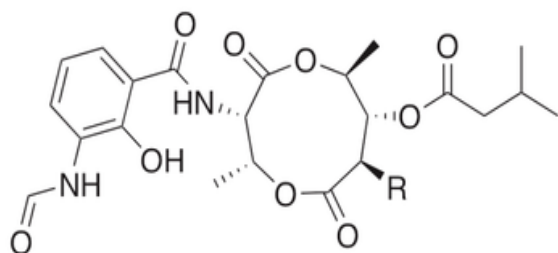
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Expiration Date 12 months from date of receipt.



Chemical structure of orb320471.

A1: R = C₆H₁₃ A3: R = C₄H₉

A2: R = C₅H₁₁ A4: R = C₃H₇

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