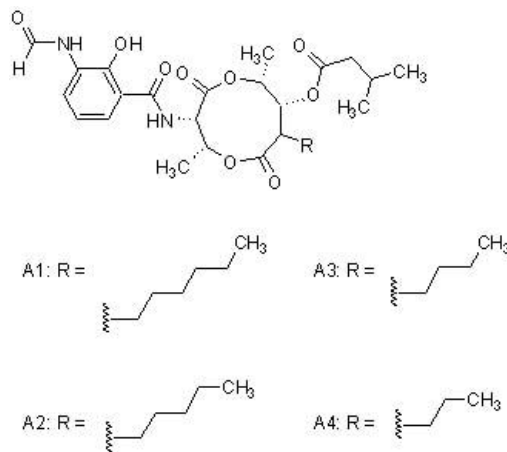


Antimycin A, Antibiotic ab141904

[22 References](#) [1 Image](#)

Overview

Product name	Antimycin A, Antibiotic
Description	Antibiotic; induces apoptosis
Purity	> 95%
CAS Number	1397-94-0
Chemical structure	



Properties

Chemical name	[(2 <i>R</i> ,3 <i>S</i> ,6 <i>S</i> ,7 <i>R</i> ,8 <i>R</i>)-3-[(3-Formamido-2-hydroxybenzoyl)amino]-8-hexyl-2,6-dimethyl-4,9-dioxo-1,5-dioxonan-7-yl] 3-methylbutanoate (for Antimycin A ₁ : R = C ₆ H ₁₃)
Molecular weight	548.63
Molecular formula	C ₂₈ H ₄₀ N ₂ O ₉ (for Antimycin A ₁ , R = C ₆ H ₁₃)
PubChem identifier	14957
Storage instructions	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in ethanol to 100 mM and in DMSO to 100 mM
Handling	Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room

temperature for at least 1 hour.

Toxic, refer to SDS for further information.

Need more advice on solubility, usage and handling? Please visit our [frequently asked questions \(FAQ\) page](#) for more details.

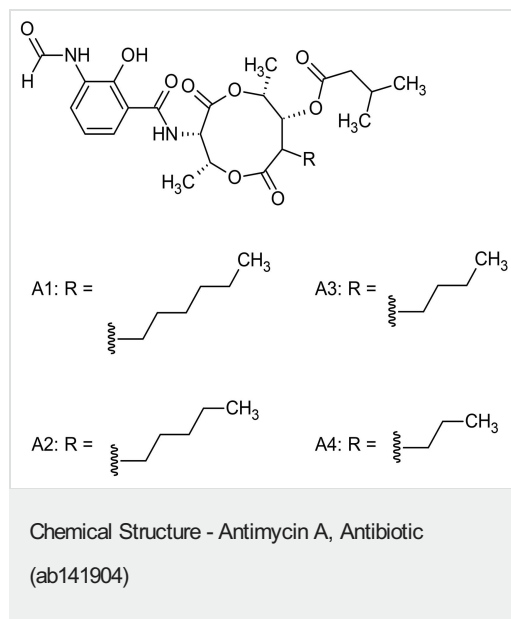
SMILES

```
CCCCC[C@@H]1[C@H]([C@@H](OC(=O)[C@H]([C@H](OC1=O)C)NC(=O)C2=C(C(=CC=C2)NC(=O)O)C)OC(=O)CC(C)C
```

Source

Streptomyces sp.

Images



2D chemical structure image of ab141904, Antimycin A, Antibiotic

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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