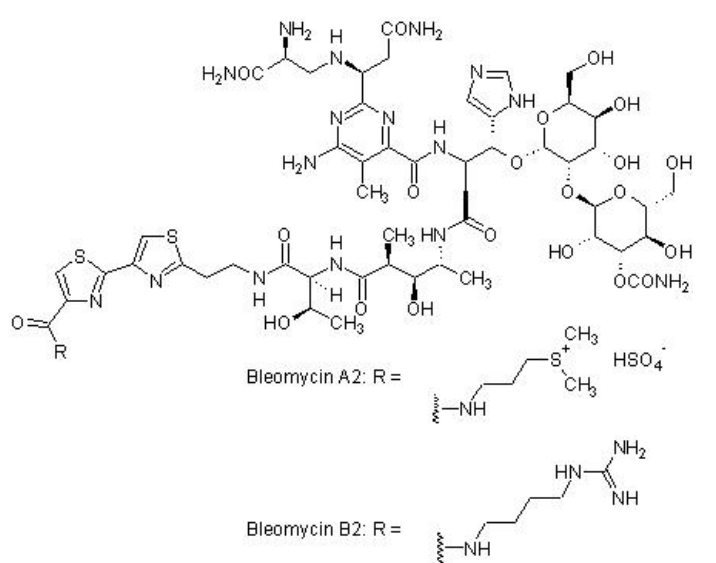


Product datasheet

Bleomycin sulfate, anticancer and antibiotic agent
ab142977

5 References 1 Image

Overview

Product name	Bleomycin sulfate, anticancer and antibiotic agent
Description	Radiomimetic anticancer and antibiotic agent
Purity	> 98%
General notes	This product is a mixture of glycopeptide antibiotics predominantly consisting of bleomycin A ₂ (~70%) and bleomycin B ₂ (~30%)
CAS Number	9041-93-4
Chemical structure	

Properties

Chemical name	N1-[3-(Dimethylsulfonio)propyl]-bleomycinamide (for bleomycin A ₂)
Molecular weight	1512.62
Molecular formula	C ₅₅ H ₈₅ N ₁₇ O ₂₅ S ₄ (for bleomycin A ₂)
PubChem identifier	46930981
Storage instructions	Store at +4°C. Store under desiccating conditions. The product can be stored for up to 12 months.

Solubility overview

Soluble in water to 10 mM and in DMSO to 50 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.

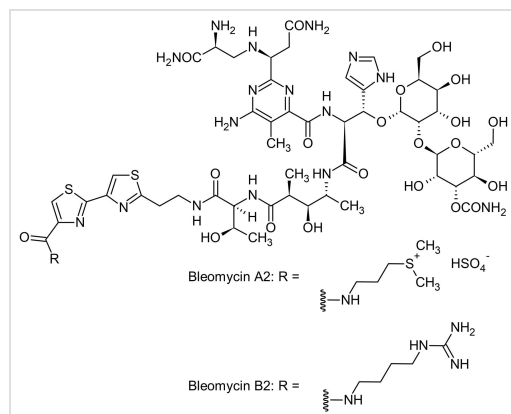
SMILES

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Source

Streptomyces verticillus

Images



Chemical Structure - Bleomycin sulfate, anticancer and antibiotic agent (ab142977)

2D chemical structure image of ab142977, Bleomycin sulfate, anticancer and antibiotic agent

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

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