

Product datasheet

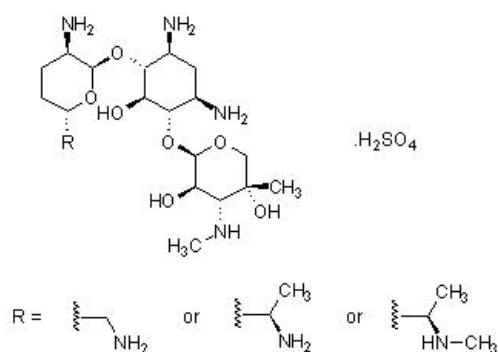
Gentamycin sulfate (aqueous), aminoglycoside antibiotic agent ab146573

Overview

Product name	Gentamycin sulfate (aqueous), aminoglycoside antibiotic agent
Description	Aminoglycoside antibiotic agent.
Biological description	Broad spectrum aminoglycoside antibiotic active against many strains of gram-negative bacteria, the gram-positive <i>Staphylococcus aeruginosa</i> as well as some strains of <i>Mycobacterium tuberculosis</i> . Inhibits protein synthesis in susceptible bacteria, by binding to the L6 protein of the 50S ribosomal subunit.

CAS Number 1405-41-0

Chemical structure



Properties

Storage instructions	Store at +4°C. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Supplied in water (50 mg/ml)
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. Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.

Source Synthetic

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

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
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- We investigate all quality concerns to ensure our products perform to the highest standards

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Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors
- Abcam biochemicals are novel compounds and we have not tested their biological activity in house. Please use the literature to identify how to use these products effectively. If you require further assistance please contact the scientific support team