Product datasheet

G 418 sulfate (aqueous) ab146572

Overview

Product name: G 418 sulfate (aqueous)
Description: Aminoglycoside antibiotic agent.
Biological description: Aminoglycoside antibiotic. Has a broad range of antibacterial activity both in vivo and in vitro. Also active against protozoa and helminths. Inhibits protein synthesis by blocking the elongation step. Routinely used as a selective agent in cell culture gene selection applications.

Properties

Molecular weight: 692.71
Chemical structure:

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H3 C20 H40 N4 O10 2H2SO4
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Molecular formula: C20H40N4O10·2H2SO4
CAS Number: 108321-42-2
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 (40 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 AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE, NOT FOR USE IN HUMANS"
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- Replacement or refund for products not performing as stated on the datasheet
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