

Product Datasheet

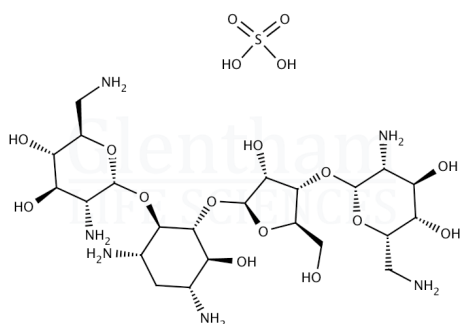
GP8418 - Neomycin sulfate, USP grade, low endotoxin

Product Details

Product Name	Neomycin sulfate, USP grade, low endotoxin
Glentham Code	GP8418
CAS Number	1405-10-3
EINECS	215-773-1
Numéro MDL	MFCD00150827
CAS supplémentaire	1404-04-2 (acid)
Related Categories	APIs, Antibiotics, Raw Materials (IVD), Reagents for Cell Culture, Antimicrobials

Structure

Molecular Weight : 908.87 (anhydrous)
Molecular Formula : $C_{23}H_{46}N_6O_{13} \cdot 3H_2SO_4 \cdot xH_2O$



Storage

Recommended storage temperature: +20°C.

Hazards and Transport

Not classified as dangerous for transport.

CLP Classification Skin Sens. 1, Resp. Sens.
1

Signal Word

Hazard Codes

Precautionary Codes

Pictograms

Danger

H317, H334

P280, P302+P352, P285,
P342+P311, P261



Glentham Product Specification

Physical Description	: White to light-yellow powder
Identification (IR)	: To conform to standard
Identification	: According to USP
pH	: 5.0 - 7.5 (33mg/ml of neomycin)
Any Individual Unspecified Impurity	: ≤ 5.0%
Total Unspecified Impurities	: ≤ 15.0%
Neomycin A	: ≤ 2.0%
Neomycin C	: 3.0 - 15.0 %
Loss on Drying	: ≤ 8.0% (60°C, 3h)
Bacterial Endotoxins	: ≤ 1.3EU/mg
Potency	: ≥ 600µg/mg (neomycin, dried basis)
Pharmacopoeia Specification(s)	: USP
Version	: v1.1

About Neomycin sulfate, USP grade, low endotoxin

Produced by the growth of certain selected strains of *Streptomyces fradiae*

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