

Product Datasheet

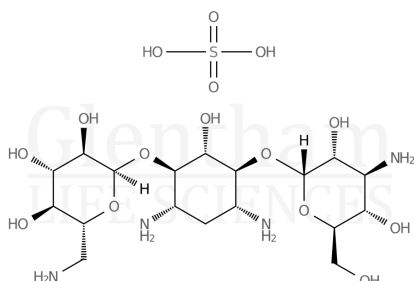
GP2188 - Kanamycin monosulfate salt, BP grade

Product Details

Product Name	Kanamycin monosulfate salt, BP grade
Glentham Code	GP2188
CAS Number	5965-95-7
EINECS	246-933-9
MDL-Nummer	MFCD00070253
Zusätzliche CAS	70560-51-9
Zusätzliche CAS	8063-07-8
Zusätzliche CAS	133-92-6
Zusätzliche CAS	59-01-8
Zusätzliche CAS	25389-94-0
Related Categories	APIs, Antibiotics, Biochemicals, Raw Materials (IVD), Reagents for Cell Culture, Antimicrobials

Structure

Molecular Weight	: 600.6
Molecular Formula	: $C_{18}H_{36}N_4O_{11} \cdot H_2SO_4 \cdot H_2O$



Storage

Recommended storage temperature: +4°C.

Hazards and Transport

Not classified as dangerous for transport.

CLP Classification	Repr. 2
Signal Word	Achtung
Hazard Codes	H361
Precautionary Codes	P308+P313
Pictograms	

Glentham Product Specification

Physical Description	: White to off-white crystalline powder
Identification	: A, B, C, D according to BP
pH	: 6.5 - 8.5
Specific Optical Rotation	: +112 - +123 °
Kanamycin B	: ≤ 4.0% (TLC)
Loss on Drying	: ≤ 1.5%
Sulphated Ash	: ≤ 0.5%
Sulphate	: 15.0 - 17.0 %
Potency (dried basis)	: ≥ 750IU/mg
Pharmacopoeia Specification(s)	: BP
Version	: v1.0

About Kanamycin monosulfate salt, BP grade

Used in biotechnology applications to inhibit protein synthesis. Recommended for use in cell culture applications at 100 mg/L.

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