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Product Datasheet

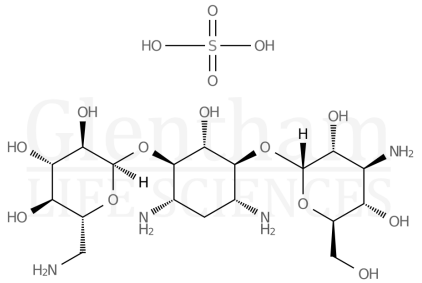
GA9089 - Kanamycin monosulfate salt, EP

Product Details

Product Name	Kanamycin monosulfate salt, EP
Glentham Code	GA9089
CAS Number	5965-95-7
EINECS	246-933-9
Numéro MDL	MFCD00070253
CAS supplémentaire	70560-51-9
CAS supplémentaire	8063-07-8
CAS supplémentaire	133-92-6
CAS supplémentaire	59-01-8
CAS supplémentaire	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	Attention
Hazard Codes	H361
Precautionary Codes	P308+P313
Pictograms	

Glentham Product Specification

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

About Kanamycin monosulfate salt, EP

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

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