

## Product Datasheet

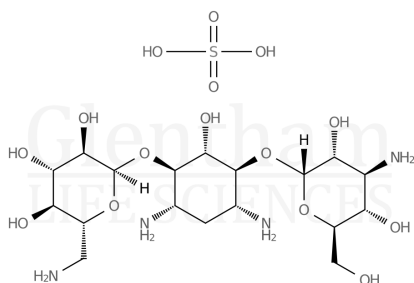
### GA9089 - Kanamycin monosulfate salt, EP

#### Product Details

Product Name	Kanamycin monosulfate salt, EP
Glentham Code	GA9089
CAS Number	25389-94-0
EINECS	246-933-9
MDL Number	MFCD00070253
Additional CAS	70560-51-9
Additional CAS	8063-07-8
Additional CAS	133-92-6
Additional CAS	59-01-8
Related Categories	APIs, Antibiotics, Biochemicals, Raw Materials (IVD), Reagents for Cell Culture, Antimicrobials

#### Structure

Molecular Weight	: 582.58
Molecular Formula	: $C_{18}H_{36}N_4O_{11} \cdot H_2O_4S$



#### Storage

Recommended storage temperature: +4°C.

#### Hazards and Transport

Not classified as dangerous for transport.

CLP Classification	Repr. 2
Signal Word	Warning
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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