

Product Datasheet

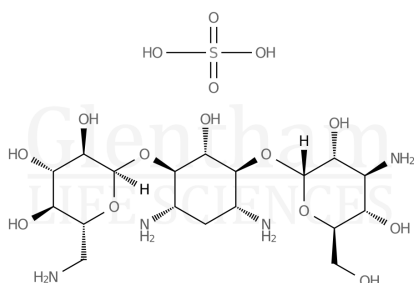
GA0531 - Kanamycin monosulfate salt

Product Details

Product Name	Kanamycin monosulfate salt
Glentham Code	GA0531
CAS Number	25389-94-0
EINECS	246-933-9
MDL Number	MFCD00070253
Additional CAS	133-92-6
Additional CAS	8063-07-8
Additional CAS	70560-51-9
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 powder
Solubility (5% in water)	: Clear, colourless to faint yellow solution
pH	: 7.0 - 9.0
Sulphate (SO ₄)	: 15.0 - 17.0 %
Water (KF)	: ≤ 4.0%
Assay	: ≥ 750µg/g (dried basis)
Version	: v1.1

About Kanamycin monosulfate salt

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