

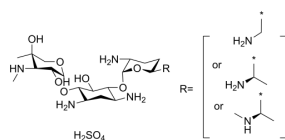
Gentamicin (sulfate)

Cat. No.: HY-A0276
 CAS No.: 1405-41-0
 Batch No.: 295080
 Chemical Name: Gentamicin, sulfate (salt)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{24}H_{55}N_7O_{11}S^3$
 Molecular Weight: 561.65 (Average)
 Storage: 4°C, sealed storage, away from moisture
 * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

Chemical Structure:



ANALYTICAL DATA

Appearance: White to off-white (Solid)
 PH: 4.7
 Water: 6.7%
 Sulphated: 33.5%
 Sulphated ash: 0.3%
 Bacterial endotoxins: <0.71 EU/mg
 Potency (Dry Basis): 656 IU/mg
 Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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