

Product Name : Gentamycin sulfate

Synonyms : —

Cat No. : M11701

CAS Number : 1405-41-0

Molecular Formula : C₆₀H₁₂₇N₁₅O₂₆S

Formula Weight : 1506.80

Chemical Name : —

Description : Gentamycin Sulfate is a broad-spectrum, aminoglycoside antibiotic used for cell culture which inhibits protein synthesis in sensitive organisms.

Pathway : GPCR/G Protein

Target : Antibacterial

Receptor : DNase I; DHFR; 16S ribosome; 30S ribosome

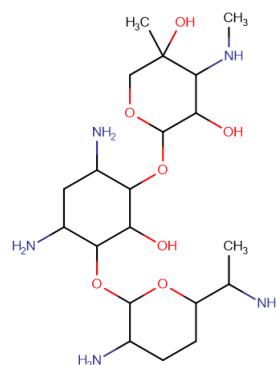
Solubility : Water: 100 mg/mL

SMILES : CNC1C(O)C(OC2C(N)CC(N)C(OC3OC(CCC3N)C(C)N)C2O)OCC1(C)O

Storage : (-20°C)

Stability : ≥ 2 years

Reference :



1. Doi Y, et al. Antimicrob Agents Chem Other. 2007 Mar;51(3):852-6.