



Formula: C<sub>23</sub>H<sub>46</sub>N<sub>6</sub>O<sub>13</sub>

MW: 614.65

Salt: 3H<sub>2</sub>SO<sub>4</sub>

CAS: 1405-10-3

TNP NUMBER: TNP00594

MDL NUMBER: MFCD09788228

IUPAC: 6-(2-((4S,2R,3R,5R)-4-[(5S,6S,2R,3R,4R)-3-amino-6-(aminomethyl)-4,5-dihydroxy(2H-3,4,5,6-tetrahydropyran-2-yloxy)]-3-hydroxy-5-(hydroxymethyl)oxolan-2-yloxy})(3S,6S,1R,2R,4R)-4,6-diamino-3-hydroxycyclohexyloxy)(3S,2R,4R,5R,6R)-5-amino-2-(aminomethyl)-2H

Smiles:

C([C@H]1O[C@@H](O[C@H]2[C@H](O[C@@H]3[C@@H]([C@@H](O)[C@@H]([C@H](O3)CN)O)N)[C@@H](N)C[C@H]([C@@H]2O)N)[C@@H]([C@@H]1O[C@@H]1[C@@H]([C@@H](O)[C@@H]([C@@H](O1)CN)O)N)O)O

Produced by *Streptomyces fradiae*. Neomycin Sulfate is an antibiotic and is used in tissue culture studies. It can act as an inhibitor of protein

THERAPEUTIC CATEGORY: Antibacterial

ACCEPTORS: 13

DONORS: 19

ROTATION BONDS: 4

N+O: 19

Chiral Centers: 19

LogP: -13.55

LogS: 0.44

LIPINSKI: 1

Synonyms: NEOMYCIN TRISULFATE HYDRATE;NEOMYCIN TRISULFATE SALT HYDRATE;NEOMYCIN SULFATE HYDRATE

CAS:

MF:C23H58N6O28S3

MW:962.93

EINECS:

Product Categories: NEOMYCIN TRISULFATE SALT HYDRATE NEOMYCIN TRISULFATE SALT HYDRATE

Usage And Synthesis: NEOMYCIN TRISULFATE SALT HYDRATE

