



Formula: C₁₄H₂₄N₂O₇

MW: 332.35

Salt: 2HCl

CAS: 22189-32-8

TNP NUMBER: TNP00199

MDL NUMBER: MFCD00058104

IUPAC: (8S,11S,13S,14S,3R,6R,10R,12R)-12,14-bis(methylamino)-3,11,13-trihydroxy-6-methyl-2,7,9-trioxatricyclo[8.4.0.0]tetradecan-4-one

Smiles:

CN[C@@H]1[C@@H]2(O[C]3([C@H](O[C@@H]2[C@@H](O)[C@@H]([C@@H]1O)NC)(O[C@@H](CC3=O)C))O

Antibiotic isolated from fermentation broth of *Streptomyces Spectabilis*

THERAPEUTIC CATEGORY: Antibacterial

VET THERAP CATEGORY: Antibacterial

REFERENCE: 1. D. Moazed, H.F. Noller Nature 327, 389, (1987)

SOURCE: Antibiotic isolated from fermentation broth of *Streptomyces Spectabilis*

ACCEPTORS: 7

DONORS: 5

ROTATION BONDS: 0

N+O: 9

Chiral Centers: 9

LogP: -5.46

LogS: -1.44

LIPINSKI: 4

