



Formula: C<sub>43</sub>H<sub>74</sub>N<sub>2</sub>O<sub>14</sub>

MW: 843.07

Salt: Mixture of Spiromycins I - R=H; II - R=COCH<sub>3</sub>; III - R=COCH<sub>2</sub>CH<sub>3</sub>

CAS: 8025-81-8

TNP NUMBER: TNP00587

MDL NUMBER: MFCD00242796

IUPAC: 2-[(2S,3S,14S,1R,4R,8R,15R)-2-[5-(4,5-dihydroxy-4,6-dimethyl(2H-3,4,5,6-tetrahydropyran-2-yl)oxy)-4-(dimethylamino)-3-hydroxy-6-methyl(2H-3,4,5,6-tetrahydropyran-2-yl)oxy]-14-[5-(dimethylamino)-6-methyl(2H-3,4,5,6-tetrahydropyran-2-yl)oxy]-4-hydroxy-3-

Smiles:

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C[C@H]1OC(C[C@H]([C@@H]([C@@H](OC2C(C(N(C)C)C(C(O2)C)OC2CC(O)(C)C(C(O2)C)O)O)[C@H](C[C@H]([C@@H](OC2OC(C)C(CC2)N(C)C)C=CC=CC1)C)CC=O)OC)O)=O
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From Streptomices SP, Mixture of Spiromycins I, II, III

THERAPEUTIC CATEGORY: Antibacterial

ACCEPTORS: 14

DONORS: 4

ROTATION BONDS: 8

N+O: 16

Chiral Centers: 19

LogP: 1.31

LogS: -6.23

LIPINSKI: 2

Synonyms: PEPTIDOGLYCAN FROM METHANOBACTERIUM SP.\*

CAS:

MF:

MW:0

EINECS:

Product Categories: PEPTIDOGLYCAN FROM METHANOBACTERIUM SP.\*

Chemical Properties: storage temp. -20C

Safety Information: WGK Germany 3 F 3-10-21 PEPTIDOGLYCAN FROM METHANOBACTERIUM SP.\*

Usage And Synthesis: PEPTIDOGLYCAN FROM METHANOBACTERIUM SP.\*

