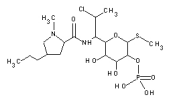

Formula: C18H34ClN2O8PS

MW: 504.97

CAS: 24729-96-2

TNP NUMBER: TNP00598

MDL NUMBER: MFCD09029086

IUPAC: 6-{2-chloro-1-[(1-methyl-4-propylpyrrolidin-2-yl)carbonylamino]propyl}-4,5-dih ydroxy-2-methylthio(2H-3,4,5,6-tetrahydropyran-3-yl) dihydrogen phosphate

Smiles: N(C(C(C)Cl)C1OC(SC)C(C(C1O)O)OP(=O)(O)O)C(=O)C1CC(CN1C)CCC

Therapy of Staphylococcal Infections

THERAPEUTIC CATEGORY: Antibacterial

ACCEPTORS: 8

DONORS: 5

ROTATION BONDS: 13

N+O: 10

Chiral Centers: 9

LogP: 0.15

LogS: -3.72

LIPINSKI: 3

Synonyms:
(2s-trans)-;2-(dihydrogenphosphate;7(s)-chloro-7-deoxylincomycin2-phosphate;cleocinphosphate;dalacinp;l-threo-alpha-d-galacto-octapyranoside,methyl7-chloro-6,7,8-trideoxy-6-(((1-m;u28508;methyl
7-chloro-6,7,8-trideoxy-6-(1-methyl-trans-4-propyl-l-2-pyrrolidinecarboxamido)-1-thio-l-threo-alpha-d-galacto-octopyranoside 2-(dihydrogen phosphate)

CAS:24729-96-2

MF:C18H34ClN2O8PS

MW:504.97

EINECS:246-433-0

Product Categories:Antibiotics for Research and Experimental Use;Biochemistry;Others (Antibiotics for Research and Experimental Use);API's Clindamycin phosphate

Chemical Properties: mp 114 C refractive index 122 (C=1, H2O) storage temp. 2-8C Merck 2356 Stability:Stable, but store cool. Incompatible with strong oxidizing agents, calcium gluconate, barbiturates, magnesium sulfate, phenytoin, B group sodium vitamins. Xn,Xi Risk Statements 22-36/37/38 Safety Statements 36-26 WGK Germany 3 RTECS GF2625000 Clindamycin phosphate

Usage And Synthesis:

Chemical Properties: solid Clindamycin phosphate