

Product Name : Clindamycin

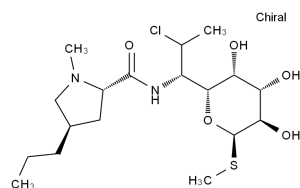
Synonyms : U 21251

Cat No. : M12825

CAS Number : 18323-44-9

Molecular Formula : C₁₈H₃₃ClN₂O₅S

Formula Weight : 424.98



Chemical Name : (2S,4R)-N-((1S,2S)-2-chloro-1-((2R,3R,4S,5R,6R)-3,4,5-trihydroxy-6-(methylthio)tetrahydro-2H-pyran-2-yl)propyl)-1-methyl-4-propylpyrrolidine-2-carboxamide

Description : Clindamycin inhibits protein synthesis by acting on the 50S ribosomal.

Pathway : Others

Target : Other Targets

Receptor : Others

Solubility : DMSO:85 mg/mL (200.0 mM); Ethanol:85 mg/mL (200.0 mM); Water:<1 mg/mL (<1 mM)

SMILES : CCCC1C[C@@H]1C[C@@H](C(N[C@@H]([C@H]2O[C@@H]([C@@H]([C@H]([C@H]2O)O)O)SC)[C@@H](Cl)C=O)N(C1)C

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Keusch GT, et al. J Infect Dis, 1976, 133(5), 578-587.