

Product Data Sheet

Product Name: Clindamycin Phosphate

Cat. No.: GC17406

Chemical Properties

Cas. No. 24729-96-2

Chemical Name [(2R,3R,4S,5R,6R)-6-[(1S,2S)-2-chloro-1-[[[(2S,4R)-1-methyl-4-propylpyrrolidine-2-carbonyl]amino]propyl]-4,5-dihydroxy-2-methylsulfanyloxan-3-yl] dihydrogen phosphate

SMILES CCCC1CC(N(C1)C)C(=O)NC(C2C(C(C(C(O2)SC)OP(=O)(O)O)O)C(C)Cl

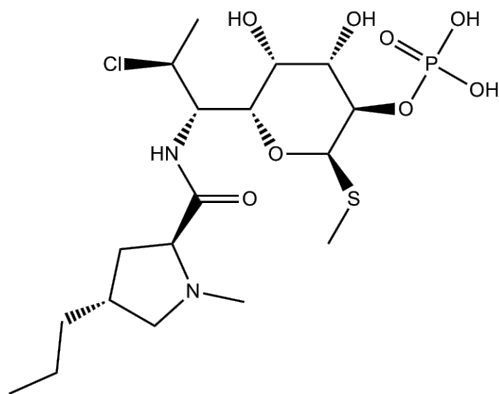
Formula $C_{18}H_{34}ClN_2O_8PS$ M.Wt 504.96

Solubility $\geq 21.7\text{mg/mL}$ in Water Storage Store at -20°C

General tips For obtaining a higher solubility, please warm the tube at 37°C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution: ship with blue ice All other available size: ship with RT, or blue ice upon request.

Structure



Background

Clindamycin phosphate is an antibiotic, which blocks the ribosomes of microorganisms. It is usually

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used to treat infections with anaerobic bacteria, can also be used to treat protozoal diseases, such as malaria.

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