

Product Name : Erythromycin cyclocarbonate

Synonyms : Davercin

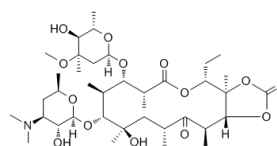
Cat No. : M14997

CAS Number : 55224-05-0

Molecular Formula : C₃₈H₆₅NO₁₄

Formula Weight : 759.92

Chemical Name : Erythromycin, cyclic 11,12-carbonate



Description : A derivative of Erythromycin that inhibits protein synthesis of bacteria by binding to the 50S ribosome, shows activity against Gram-positive and some Gram-negative microorganisms.

Pathway : GPCR/G Protein

Target : Antibacterial

Receptor : Antibacterial

Solubility : 10 mM in DMSO

SMILES : CC[C@H]1OC(=O)[C@H](C)[C@@H](O[C@H]2C[C@@](C)(OC)[C@@H](O)[C@H](C)O2)[C@H](C)[C@@H](O[C@@H]3O[C@H](C)C[C@@H]([C@H]3O)N(C)C)[C@](C)(O)C[C@@H](C)C(=O)[C@H](C)[C@H]4OC(=O)O[C@]14C

Storage : (-20°C)

Stability : ≥ 2 years

Reference :