

6-{[4-(DIMETHYLAMINO)-3-HYDROXY-6-METHYLOXAN-2-YL]OXY}-14-ETHYL-7,12,13-TRIHYDROXY-4-[(5-HYDROXY-4-METHOXY-4,6-DIMETHYLOXAN-2-YL)OXY]-3,5,7,9,11,13-HEXAMETHYL-1-OXACYCLOTETRADECANE-2,10-DIONE

Catalog Id:

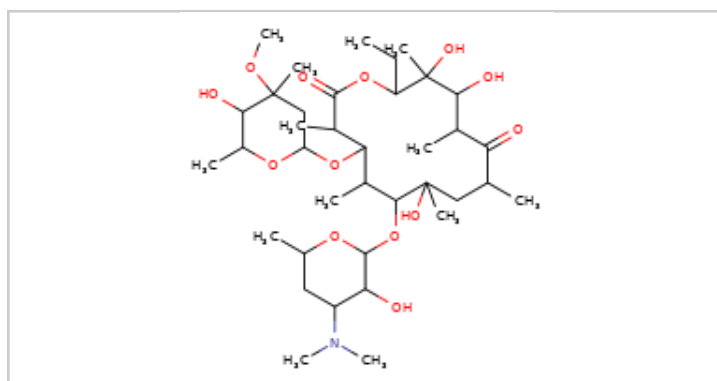
MM114078

IUPAC:

(-)-ERYTHROMYCIN

CAS Number:

114-07-8



More Information:

Molecular Weight: 733.937

Formula: C₃₇H₆₇NO₁₃

SMILES: CCC1OC(=O)C(C)C(OC2CC(C)(OC)C(O)C(C)O2)C(C)C(OC2OC(C)CC(C2O)N(C)C)C(C)(O)CC(C)C(=O)C(C)C(O)C1(C)O

Preferred IUPAC Name: 6-{[4-(DIMETHYLAMINO)-3-HYDROXY-6-METHYLOXAN-2-YL]OXY}-14-ETHYL-7,12,13-TRIHYDROXY-4-[(5-HYDROXY-4-METHOXY-4,6-DIMETHYLOXAN-2-YL)OXY]-3,5,7,9,11,13-HEXAMETHYL-1-OXACYCLOTETRADECANE-2,10-DIONE

InChIKey: InChIKey=ULGZDMOVFRHVEP-UHFFFAOYNA-N