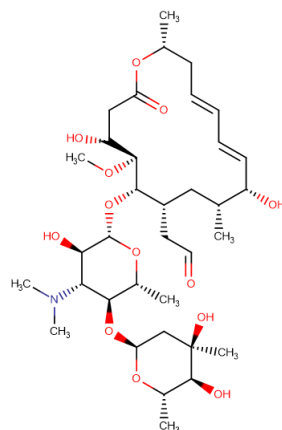


Product Name : Kitasamycin
Synonyms : Turimycin; Kitasamycin; Leucomycin V; Selectomycin
Cat No. : M11629
CAS Number : 1392-21-8
Molecular Formula : C₃₅H₅₉NO₁₃
Formula Weight : 701.85



Chemical Name : 2-[(4R,5S,6S,7R,9R,10R,11E,13E,16R)-6-[(2S,3R,4R,5S,6R)-5-[(2S,4R,5S,6S)-4,5-Dihydroxy-4,6-dimethyloxan-2-yl]oxy-4-(dimethylamino)-3-hydroxy-6-methyloxan-2-yl]oxy-4,10-dihydroxy-5-methoxy-9,16-dimethyl-2-oxo-1-oxacyclohexadeca-11,13-dien-7-yl]acetaldehyde

Description : Kitasamycin(INN) is a macrolide antibiotic. It is produced by *Streptomyces kitasatoensis*.

Pathway : Others

Target : Other Targets

Receptor : Others

Solubility : Soluble in ethanol

SMILES : O=CC[C@@H]1[C@H](O[C@@H]2O[C@H](C)[C@@H](O[C@@H]3O[C@@H](C)[C@H](O)[C@](C)(O)C3)[C@H](N(C)C)[C@H]2O)[C@@H](OC)[C@H](O)CC(O[C@H](C)C/C=C/C=C/[C@H](O)[C@H](O)C1)=O

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1.Zhang C, et al. Anaerobe. 2016 Dec;42:188-196.