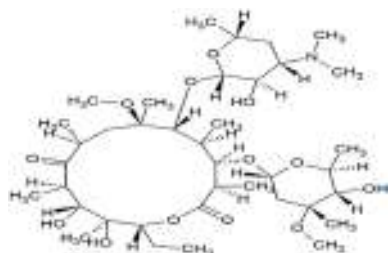


Clarithromycin

ALTERNATE NAME: A-56268
TE 031
6-O-methyl-erythromycin
Antibiotic A 56268

CATALOG #: B2692-50 50 mg
B2692-250 250 mg

STRUCTURE:



MOLECULAR FORMULA: C₃₈H₆₉NO₁₃

MOLECULAR WEIGHT: 747.95

CAS NUMBER: 81103-11-9

APPEARANCE: White to off-white solid

PURITY: ≥98%

SOLUBILITY: ~ 1 mg/ml DMSO

DESCRIPTION: Clarithromycin is a semisynthetic macrolide antibiotic derived from erythromycin. It inhibits bacterial protein synthesis by binding to the bacterial 50S ribosomal subunit. Binding inhibits peptidyl transferase activity and interferes with amino acid translocation. Clarithromycin may be used to attenuate cardiac transplantation rejection via matrix metalloproteinase suppression. Clarithromycin has been used to study inflammatory markers in chronic obstructive pulmonary disease (COPD).

STORAGE TEMPERATURE: -20°C. Protect from light

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

Azithromycin (B1226)
Roxithromycin (9621)
Erythromycin (9619)
Solithromycin (B1222)

DISCLAIMER: *FOR RESEARCH USE ONLY! Not to be used on humans.*