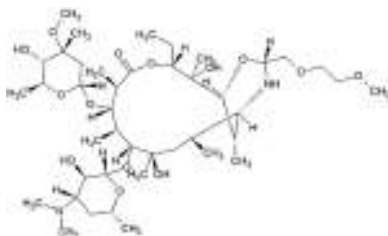


Dirithromycin

ALTERNATE NAME: LY237216
(1R,2R,3R,6R,7S,8S,9R,10R,12R,13S,15R,17S)-7-[(2,6-dideoxy-3-C-methyl-3-O-methyl- α -L-ribo-hexopyranosyl)oxy]-3-ethyl-2,10-dihydroxy-15-[(2-methoxyethoxy)methyl]-2,6,8,10,12,17-hexamethyl-9-[[3,4,6-trideoxy-3-(dimethylamino)- β -D-xylo-hexopyranosyl]oxy]-4,16-dioxo-14-azabicyclo[11.3.1]heptadecan-5-one
Antibiotic AS-E 136

CATALOG #: B2693-50 50 mg
B2693-250 250 mg

STRUCTURE:



MOLECULAR FORMULA: C₄₂H₇₈N₂O₁₄

MOLECULAR WEIGHT: 835.07

CAS NUMBER: 62013-04-1

APPEARANCE: White to off-white solid

PURITY: \geq 98% by HPLC

SOLUBILITY: ~15 mg/ml DMSO

DESCRIPTION: Dirithromycin is a macrolide glycopeptide antibiotic used to treat many different types of bacterial infections, such as bronchitis, pneumonia, tonsillitis, and even skin infections. It is a group 3 agent with respect to its interaction with the cytochrome P450 (CYP) isoform 3A4, as it interferes poorly with CYP3A4 in vitro and generally does not alter drug metabolism in vivo.

STORAGE TEMPERATURE: -20°C. Protect from moisture

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)
Solithromycin (B1222)
Erythromycin (9619)
Clarithromycin (B2692)

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