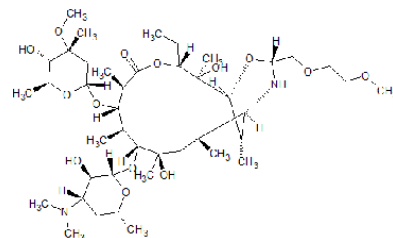


## Dirithromycin

**Catalog Number:** BC-0391

**CAS Number:** 62013-04-1

**Price:** [Online Inquiry](#)



Catalog Number	Price
BC-0391	<a href="#">Online Inquiry</a>

Product Information	
Molecular Formula	C <sub>42</sub> H <sub>78</sub> N <sub>2</sub> O <sub>14</sub>
Molecular Weight	835.07
Purity	≥98% by HPLC
SMILES	<chem>CCC1C(C2C(C(C(CC(C(C(C(C(=O)O1)C)OC3CC(C(C(O3)C)O)(C)OC)C)OC4C(C(CC(O4)C)N(C)C)O)(C)O)C)NC(O2)COCCOC)C(C)O</chem>
InChi	InChI=1S/C42H78N2O14/c1-15-29-42(10,49)37-24(4)32(43-30(56-37)21-52-17-16-50-13)22(2)19-40(8,48)36(58-39-33(45)28(44(11)12)18-23(3)53-39)25(5)34(26(6)38(47)55-29)57-31-20-41(9,51-14)35(46)27(7)54-31/h22-37,39,43,45-46,48-49H,15-21H2,1-14H3/t22-,23-,24+,25+,26-,27+,28+,29-,30-,31+,32+,33-,34+,35+,36-,37-,39+,40-,41-,42-/m1/s1
InChi Key	WLOHNSSYAXHWNR-DWIOZXRMSA-N
Alternate Name	LY237216; Antibiotic AS-E 136; (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
Appearance	White to off-white solid

Properties	
Storage Conditions	-20°C
Shipping Conditions	Gel Pack
Solubility	~15 mg/ml DMSO