

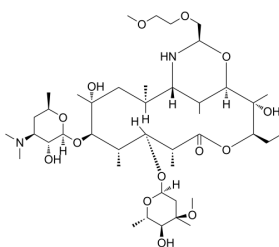
## Dirithromycin

Cat. No.:	HY-B0643
CAS No.:	62013-04-1
Batch No.:	16990
Chemical Name:	4,16-Dioxa-14-azabicyclo[11.3.1]heptadecan-5-one, 7-[(2,6-dideoxy-3-C-methyl-3-O-methyl- $\alpha$ -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)- $\beta$ -D-xylo-hexopyranosyl]oxy]-, (1R,2R,3R,6R,7S,8S,9R,10R,12R,13S,15R,17S)-

## PHYSICAL AND CHEMICAL PROPERTIES

<b>Molecular Formula:</b>	C <sub>42</sub> H <sub>78</sub> N <sub>2</sub> O <sub>14</sub>		
<b>Molecular Weight:</b>	835.07		
<b>Storage:</b>	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	2 years
		-20°C	1 year

**Chemical Structure:**



## ANALYTICAL DATA

Appearance:	White to off-white (Solid)
<sup>1</sup> H NMR Spectrum:	Consistent with structure
Purity (NMR):	≥98.0%
Conclusion:	The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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