

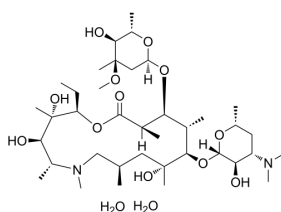
Azithromycin (hydrate)

Cat. No.: HY-17506A
 CAS No.: 117772-70-0
 Batch No.: 291821
 Chemical Name: 1-Oxa-6-azacyclopentadecan-15-one, 13-[(2,6-dideoxy-3-C-methyl-3-O-methyl- α -L-ribo-hexopyranosyl)oxy]-2-ethyl-3,4,10-trihydroxy-3,5,6,8,10,12,14-heptamethyl-11-[[3,4,6-trideoxy-3-(dimethylamino)- β -D-xylo-hexopyranosyl]oxy]-, dihydrate, (2R,3S,4R,5R,8R,10R,11R,12S,13S,14R)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{38}H_{76}N_2O_{14}$
 Molecular Weight: 785.02
 Storage: 4°C, protect from light, stored under nitrogen
 * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)

Chemical Structure:



ANALYTICAL DATA

Appearance: White to off-white (Solid)
 1H NMR Spectrum: Consistent with structure
 Purity (NMR): $\geq 98.0\%$
 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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