

DATA SHEET

Product Name: Azithromycin

Catalog #: CV-1101

Alt: CAS # 83905-01-5; 13-[(2,6-Dideoxy-3-C-methyl-3-O-methyl- α -L-ribohexopyranosyl)oxy]-2-ethyl-3,4,10-trihydroxy-3,5,6,8,10,12,14-heptamethyl-11-[[3,4,6-trideoxy-3- (dimethylamino)- β -D-xylohexopyranosyl]oxy]-1-oxa-6- azacyclopentadecan-15-one

Molecular Mass: 748.98

Analysis: >98%

Supplied As: White solid

Resuspension: DMSO (>50 mg/ml)

Storage: Store at -20°C. Protect from air and light.

Description: Azithromycin is a macrolide antibiotic that inhibits 50S ribosomal subunit formation and elongation at transpeptidation step in gram positive and negative bacteria. In vivo activity shows improved pharmacokinetic properties when compared to erythromycin in mouse models.

References: 1. Champney, W.S., and Burdine, R., (1995) Antimicrob.Agents Chemother., 39, 2141-2144

For research use only. Not for use in humans.