

Azithromycin

Cat. No. CEI-1179

Lot. No. (See product label)

Introduction

Description Azithromycin is an antibiotic for inhibition of parasite growth with IC50 of 8.4 μ M.

Product Information

CAS No. 83905-01-5

Molecular Formula C₃₈H₇₂N₂O₁₂

Chemical Name (2R,3S,4R,5R,8R,10R,11R,12S,13S,14R)-2-ethyl-3,4,10-trihydroxy-3,5,6,8,10,12,14-heptamethyl-15-oxo-11- $\{[3,4,6\text{-trideoxy-3-(dimethylamino)-}\beta\text{-D-xylo-}\}\text{-oxy}\}$ -1-oxa-6-azacyclopentadec-13-yl2,6-dideoxy-3-C-methyl-3-O-methyl- α -L-ribo-hexopyranoside

Molecular Weight 748.98

Purity > 95%

Targets parasite growth

IC50 8.4 Mm

Storage and Shipping Information

Storage 4 centigrade