



Product Information

Product ID C4502

CAS No. 81103-11-9

Chemical Name 6-O-Methylerythromycin

Synonym Biaxin, Cyllind, Klacid, Macladin, Naxy, Veclam, Zeclar

Formula C₃₈H₆₉NO₁₃

Formula Wt. 747.95

Melting Point 217-220°C (dec)

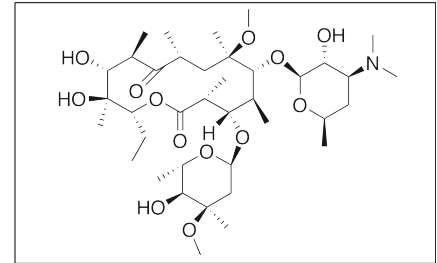
Purity ≥95%

Solubility Soluble in acetone, DMSO
(18mg/mL).

Store Temp Ambient

Ship Temp Ambient

Description Clarithromycin is a macrolide antibiotic that binds 23S rRNA on the bacterial 50S ribosomal subunit, inhibiting protein translation and synthesis. Clarithromycin is clinically used to treat respiratory infections and displays efficacy primarily against gram positive bacteria and *Helicobacter pylori*.



Bulk quantities available upon request

Product ID	Size
C4502	100 mg
C4502	250 mg
C4502	1 g

References Cobos-Trigueros N, Ateka O, Pitart C, et al. Macrolides and ketolides. *Enferm Infecc Microbiol Clin*. 2009 Aug-Sep;27(7):412-8. PMID: 19625112.

Hao Q, Li Y, Zhang ZJ, et al. New mutation points in 23S rRNA gene associated with *Helicobacter pylori* resistance to clarithromycin in northeast China. *World J Gastroenterol*. 2004 Apr 1;10(7):1075-7. PMID: 15052698.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.