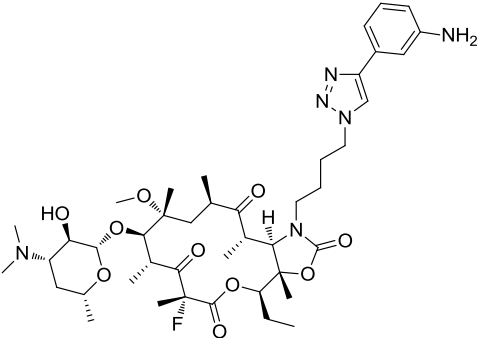




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
314272	Solithromycin	Lot#CRB50915

Chemical name	
(3aS,4R,7R,9R,10R,11R,13R,15S,15aR)-1-(4-(4-(3-aminophenyl)-1H-1,2,3-triazol-1-yl)butyl)-10-(((2S,3R,4S,6R)-4-(dimethylamino)-3-hydroxy-6-methyltetrahydro-2H-pyran-2-yl)oxy)-4-ethyl-7-fluoro-11-methoxy-3a,7,9,11,13,15-hexamethyloctahydro-1H-[1]oxacyclotetradecino[4,3-d]oxazole-2,6,8,14(7H,9H)-tetraone	
Synonyms	
CEM-101; CEM101; CEM 101; OP-1068; OP1068; OP 1068; Solithromycin	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 314272 Name: Solithromycin CAS#: 760981-83-7 Lot#: CRB50915 Chemical Formula: C43H65FN6O10 Exact Mass: 844.47462 Molecular Weight: 845.01

Analysis item	Specifications / Results
Appearance	White to off white solid powder
Structure	¹ H-NMR analysis matches the structure. MS analysis gives the correct molecule weight. Both NMR and MS data are consistent with those reported in the literature.
Purity (HPLC)	>99.0%
Solubility	Soluble in DMSO, not soluble in water
Conclusion	This product conforms with MedKoo's quality standards
Shipping condition	Shipped under ambient temperature as non-hazardous chemical. This product is stable for a few weeks during ordinary shipping and time spent in customs.
Storage condition	Short term storage (weeks): 0 – 4 °C under dry condition Long term storage (months): -20 °C under dry condition
Self life	At least 5 years if properly stored.

CAUTION: NOT FULLY TESTED. FOR RESEARCH ONLY, NOT FOR HUMAN USE