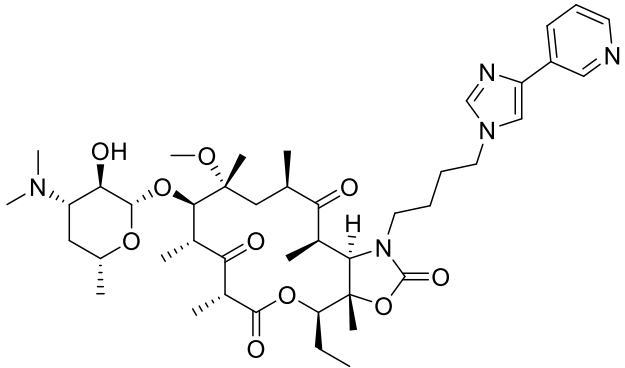




## Certificate of Analysis

<b>MedKoo Cat#:</b>	<b>Product Name:</b>	<b>Lot#:</b>
328306	Telithromycin	A21K04S21

Chemical name	
(3aS,4R,7R,9R,10R,11R,13R,15R,15aR)-10-(((2S,3R,4S,6R)-4-(dimethylamino)-3-hydroxy-6-methyltetrahydro-2H-pyran-2-yl)oxy)-4-ethyl-11-methoxy-3a,7,9,11,13,15-hexamethyl-1-(4-(4-(pyridin-3-yl)-1H-imidazol-1-yl)butyl)octahydro-2H-[1]oxacyclotetradecino[4,3-d]oxazole-2,6,8,14(1H,7H,9H)-tetraone	
Synonyms	
Telithromycin; HMR-3647; HMR 3647; HMR3647; RU-66647; RU 66647; RU66647	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 328306 Name: Telithromycin CAS#: 191114-48-4 LOT#: A21K04S21 Chemical Formula: C <sub>43</sub> H <sub>65</sub> N <sub>5</sub> O <sub>10</sub> Exact Mass: 811.4731 Molecular Weight: 812.02

Analysis item	Specifications / Results
Appearance	White to off-white solid powder
Structure	<sup>1</sup> 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)	>95.0%
Solubility	Soluble in DMSO
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
Shelf life	At least 5 years if properly stored.

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