



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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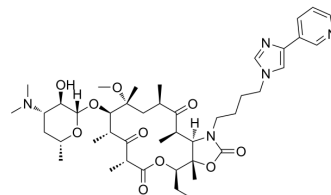
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## Telithromycin (Standard)

Cat. No.:	HY-A0062R
CAS No.:	191114-48-4
Molecular Formula:	C <sub>43</sub> H <sub>65</sub> N <sub>5</sub> O <sub>10</sub>
Molecular Weight:	812
Target:	Bacterial; Antibiotic
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Telithromycin (Standard) is the analytical standard of Telithromycin. This product is intended for research and analytical applications. Telithromycin (HMR3647) is a novel ketolide antibiotic that structurally resembles macrolides. Telithromycin belongs to the ketolide family that is characterized by a keto group at position 3 of the macrolide ring and is active against bacteria causing community-acquired pneumonia, acute exacerbation of chronic bronchitis, and acute sinusitis. Telithromycin also has similar immunomodulatory effects as macrolides. Telithromycin can be used for the research of respiratory infections including bronchial asthma<sup>[1][2]</sup>.

### REFERENCES

- [1]. Yoshitomo Morinaga, et al. Azithromycin, clarithromycin and telithromycin inhibit MUC5AC induction by Chlamydomypha pneumoniae in airway epithelial cells. *Pulm Pharmacol Ther.* 2009 Dec;22(6):580-6.
- [2]. Magdalena Leiva, et al. Effects of telithromycin in in vitro and in vivo models of lipopolysaccharide-induced airway inflammation. *Chest.* 2008 Jul;134(1):20-9.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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