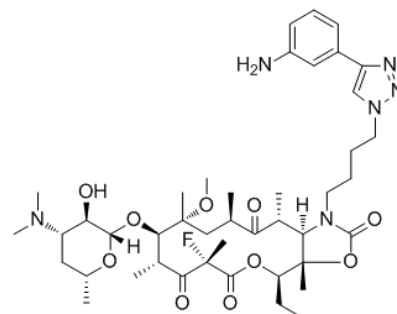


Product Name : Solithromycin
Cat. No. : PC-45378
CAS No. : 760981-83-7
Molecular Formula : C₄₃H₆₅FN₆O₁₀
Molecular Weight : 845.0088
Target : Bacterial
Solubility : DMSO: ≥ 32 mg/mL



Biological Activity

A novel fluoroketolide with lower MICs than those of telithromycin and macrolides; binds to the large 50S subunit of the ribosome and inhibits protein biosynthesis; exhibits MICs of 7.5, 40, and 125 ng/ml for Streptococcus pneumoniae, Staphylococcus aureus, and Haemophilus influenzae, respectively.

Bacterial Infection

Approved

References

Waites KB, et al. Antimicrob Agents Chemother. 2009 May;53(5):2139-41.

Lemaire S, et al. Antimicrob Agents Chemother. 2009 Sep;53(9):3734-43.

Roblin PM, et al. Antimicrob Agents Chemother. 2010 Mar;54(3):1358-9.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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