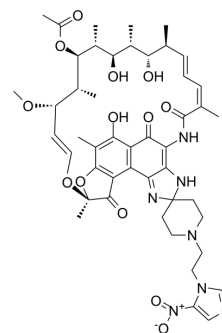


Rifasutenizol

Cat. No.:	HY-144300
CAS No.:	1001314-13-1
Molecular Formula:	C ₄₈ H ₆₁ N ₇ O ₁₃
Molecular Weight:	944.04
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Rifasutenizol (TNP-2198) is a potent and orally bioavailable dual-targeted antibacterial agent. Rifasutenizol has potent activity against microaerophilic and anaerobic bacterial pathogens ^[1] .
In Vitro	Rifasutenizol exhibits potent bactericidal activity against key microaerophilic and anaerobic bacterial pathogens, including <i>Helicobacter pylori</i> , <i>Clostridioides difficile</i> , and <i>Gardnerella vaginalis</i> , including rifamycin-resistant and nitroimidazole-resistant strains ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Ma Z, et al. Design, Synthesis, and Characterization of TNP-2198, a Dual-Targeted Rifamycin-Nitroimidazole Conjugate with Potent Activity against Microaerophilic and Anaerobic Bacterial Pathogens. *J Med Chem.* 2022;65(6):4481-4495.

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

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