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Forschungsprodukte & Biochemikalien



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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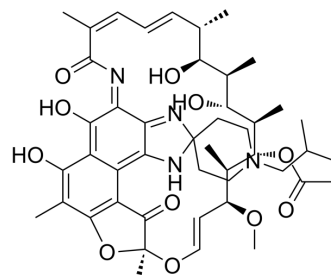
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Rifabutin (Standard)

Cat. No.:	HY-17025R
CAS No.:	72559-06-9
Molecular Formula:	C ₄₆ H ₆₂ N ₄ O ₁₁
Molecular Weight:	847
Target:	Bacterial; Antibiotic
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Rifabutin (Standard) is the analytical standard of Rifabutin. This product is intended for research and analytical applications. Rifabutin (Ansamycin) is a semisynthetic ansamycin antibiotic with potent antimycobacterial properties. Rifabutin inhibits DNA-dependent RNA polymerase.
IC ₅₀ & Target	Antibacterial

REFERENCES

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- [2]. Vourvahis M, Davis J, Wang R, Layton G, Choo HW, Chong CL, Tawadrous M. Effect of rifampin and rifabutin on the pharmacokinetics of lersivirine and effect of lersivirine on the pharmacokinetics of rifabutin and 25-o-desacetyl-rifabutin in healthy subjects. *Antimicrob Agents Chemother.* 2012 Aug;56(8):4303-9.
- [3]. Gisbert JP, Castro-Fernandez M, Perez-Aisa A, Cosme A, Molina-Infante J, Rodrigo L, Modolell I, Cabriada JL, Gisbert JL, Lamas E, Marcos E, Calvet X. Fourth-line rescue therapy with rifabutin in patients with three Helicobacter pylori eradication failures. *Aliment Pharmacol Ther.* 2012 Apr;35(8):941-7. doi: 10.1111/j.1365-2036.2012.05053.x.
- [4]. Gisbert JP, Calvet X. Review article: rifabutin in the treatment of refractory Helicobacter pylori infection. *Aliment Pharmacol Ther.* 2012 Jan;35(2):209-21. doi: 10.1111/j.1365-2036.2011.04937.x.
- [5]. Horne DJ, Spitters C, Narita M. Experience with rifabutin replacing rifampin in the treatment of tuberculosis. *Int J Tuberc Lung Dis.* 2011 Nov;15(11):1485-9. i.

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

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