

Rifabutin

Catalog No: tcsc0635



Available Sizes

Size: 50mg

Size: 100mg

Size: 500mg



Specifications

CAS No:

72559-06-9

Formula:

$C_{46}H_{62}N_4O_{11}$

Pathway:

Anti-infection

Target:

Bacterial

Purity / Grade:

>98%

Solubility:

DMSO : ≥ 100 mg/mL (118.06 mM)

Alternative Names:

Ansamycin; LM-427

Observed Molecular Weight:

847

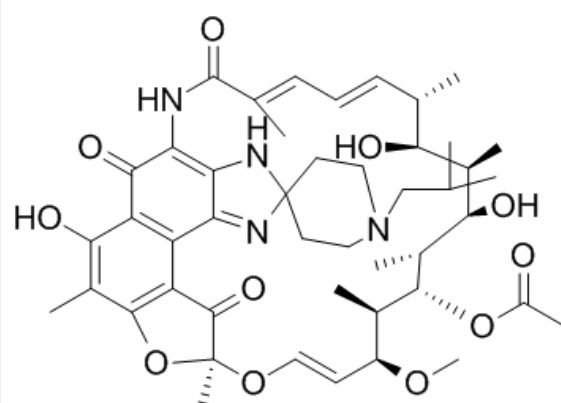
Product Description

Rifabutin (Ansamycin) is a semisynthetic ansamycin antibiotic with potent antimycobacterial properties.

IC50 & Target: Antibacterial

In Vitro: Rifabutin is primarily bactericidal antibiotic drug used to treat tuberculosis. Its effect on bacteria is based on the DNA-dependent RNA polymerase blocking drug rifamycin S., a semi-synthetic derivative. It is effective, for example, in highly resistant mycobacteria, Gram-positive bacteria (and some are effective against Gram-negative bacteria), but also against Mycobacterium tuberculosis, M. leprae, and M. avium intracellulare.

Rifabutin is an antibiotic; antitumor. Rifabutin interferes with HSP-90 molecular chaperone, enhances ubiquitination and protein degradation, and inactivates bacterial RNA polymerase.



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!