



LKT Laboratories, Inc.

Rifaximin

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Product Information

Product ID R3321

CAS No. 80621-81-4

Chemical Name [2S-(2R*,16Z,18E,20R*,21R*,22S*,23S*,24S*,25R*,26S*,27R*,28E)]-25-(Acetyloxy)-5,6,21,23-tetrahydroxy-27-methoxy-2,4,11,16,20,22,24,26-octamethyl-2,7-[epoxypentadeca(1,11,13)

Synonym Rifacol, XIFAXAN, Fatroximin, Normix, Rifacol

Formula C₄₃H₅₁N₃O₁₁

Formula Wt. 785.88

Melting Point 200-205°C (dec)

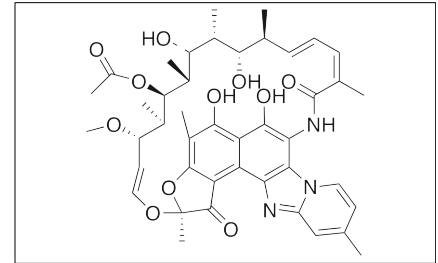
Purity ≥98%

Solubility Soluble in alcohols, ethyl acetate, chloroform or toluene.

Store Temp 4°C

Ship Temp Ambient

Description Rifaximin is a rifampicin derivative with weaker absorption kinetics; it inhibits DNA-dependent RNA polymerase. Rifaximin is an ansamycin antibacterial compound that is clinically used to treat small intestinal bacterial overgrowth in subjects with inflammatory bowel syndrome (IBS).



Bulk quantities available upon request

Product ID	Size
R3321	500 mg
R3321	1 g
R3321	5 g

References Huhulescu S, Sagel U, Fiedler A, et al. Rifaximin disc diffusion test for in vitro susceptibility testing of Clostridium difficile. J Med Microbiol. 2011 Aug;60(Pt 8):1206-12. PMID: 21292853.

Majewski M, McCallum RW. Results of small intestinal bacterial overgrowth testing in irritable bowel syndrome patients: clinical profiles and effects of antibiotic trial. Adv Med Sci. 2007;52:139-42. PMID: 18217406.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.