

Product Name	: Rifaximin
Synonyms	: L 105SV; Rifamycin L 105
Cat No.	: M16017
CAS Number	: 80621-81-4
Molecular Formula	: C ₄₃ H ₅₁ N ₃ O ₁₁
Formula Weight	: 785.88
Chemical Name	: 2,7-(Eoxypentadeca[1,11,13]trienimino)benzofuro[4,5-e]pyrido[1,2-a]benzimidazole-1,15(2H)-dione, 25-(acetyloxy)-5,6,21,23-tetrahydroxy-27-methoxy-2,4,11,16,20,22,24,26-octamethyl-, (2S,16Z,18E,20S,21S,22R,23R,24R,25S,26R,27S,28E)-
Description	: Rifaximin is an oral, semi-synthetic antibiotic derived from Rifamycin SV with antibacterial activity, interferes with transcription by binding to the β -subunit of bacterial RNA polymerase; Rifaximin is widely used to treat traveler's diarrhea, irritable bowel syndrome, and hepatic encephalopathy. Bacterial Infection Approved
Pathway	: GPCR/G Protein
Target	: Antibacterial
Receptor	: DNA/RNAsynthesis
Solubility	: DMSO: ≥ 26 mg/mL
SMILES	: <chem>CC(=O)OC1=CC2=C(C(=C1)C(=C(C=C2)C[C@@H](C)[C@H](O)[C@@H](C)[C@@H](O)[C@@H](C)[C@H](OC(C)=O)[C@H](C)[C@@H](OC)C=C[C@@](C2=O)(CO3)=O)C4=C(N=C5N4C=CC(C)=C5)C6=C2C3=C(C)C(O)=C61</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

