

Product Datasheet

Rifaximin (Standard) (orb3025118)

Catalog Number	orb3025118
Category	Small Molecules
Description	Rifaximin (Standard) is the standard substance of Rifaximin, and it is applicable for quantitative analysis, quality control, and related research in biochemical experiments. Rifaximin is an orally administered, semi-synthetic, nonsystemic antibiotic derived from rifamycin SV with antibacterial activity. Rifaximin binds to the beta-subunit of bacterial DNA-dependent RNA polymerase, inhibiting bacterial RNA synthesis and bacterial cell growth.
Target	Antibiotic,DNA/RNA Synthesis,Antibacterial
MW	785.88
CAS Number	80621-81-4
Formula	C ₄₃ H ₅₁ N ₃ O ₁₁
SMILES	<chem>COC1\C=C/OC2(C)OC3=C(C2=O)C2=C(C(O)=C3C)C(O)=C(NC(=O))\C(C)=C/C=C\C(C)C(O)C(C)C(O)C(C)C(OC(C)=O)C1C)C1=C2N=C2C=C(C)C=CN12</chem>
Storage	-20°C
Note	For research use only
Expiration Date	12 months from date of receipt.

Biorbyt Ltd.

7 Signet Court, Swann Road
Cambridge
CB5 8LA
United Kingdom

Email: info@biorbyt.com, support@biorbyt.com

Phone: [+44 \(0\)1223 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

Biorbyt LLC

68 TW Alexander Drive
Research Triangle Park
Durham
NC 27713
United States

Email: info@biorbyt.com, support@biorbyt.com

Phone: [+1 \(415\) 906-5211](tel:+1(415)906-5211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)