

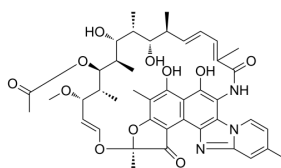
## Rifaximin

Cat. No.: HY-13234  
 CAS No.: 80621-81-4  
 Batch No.: 252470  
 Chemical Name: 2,7-(Epoxy-pentadeca[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)-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>43</sub>H<sub>51</sub>N<sub>3</sub>O<sub>11</sub>  
 Molecular Weight: 785.88  
 Storage: Powder -20°C 3 years  
 4°C 2 years  
 In solvent -80°C 2 years  
 -20°C 1 year

Chemical Structure:



### ANALYTICAL DATA

Appearance: Yellow to orange (Solid)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
 LCMS: Consistent with structure  
 Purity (LCMS): 99.88%  
 Conclusion: The product has been tested and complies with the given specifications.

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

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