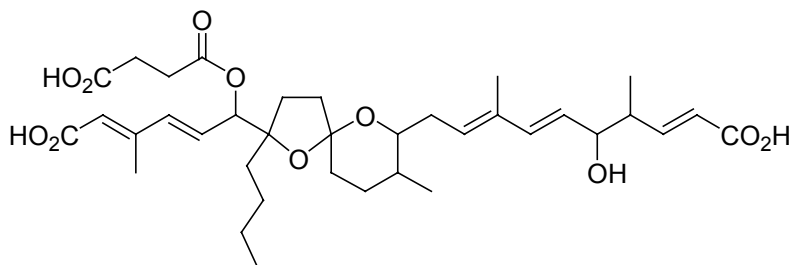


Reveromycin B

Code: **BIA-R1079**

Pack sizes: **0.25 mg, 1.0 mg**



Synonyms :

Specifications

CAS #	: 144860-68-4
Molecular Formula	: C₃₆H₅₂O₁₁
Molecular Weight	: 660.8
Source	: <i>Streptomyces</i> sp. MST-AS5344
Appearance	: Tan Lyophilisate
Purity	: >90 % by HPLC
Long Term Storage	: -20°C
Solubility	: Soluble in ethyl acetate, ethanol, methanol, DMF or DMSO. Avoid acidic conditions.

Application Notes

Reveromycin B is a much less active analogue of reveromycin A formed by rearrangement of the 6:6 spiroketal to a 5:6 spiroketal. Lacking much of the biological activity of reveromycin A, reveromycin B is a useful negative control in resolving the mode of action of this class.

References

1. Reveromycins, new inhibitors of eukaryotic cell growth. II. Biological activities. Takahashi H. et al. *J. Antibiot.* **1992**, 45, 1414.
2. Identification of *Saccharomyces cerevisiae* isoleucyl-tRNA synthetase as a target of the G1-specific inhibitor Reveromycin A. Miyamoto Y. et al. *J. Biol. Chem.* **2002**, 277, 28810.