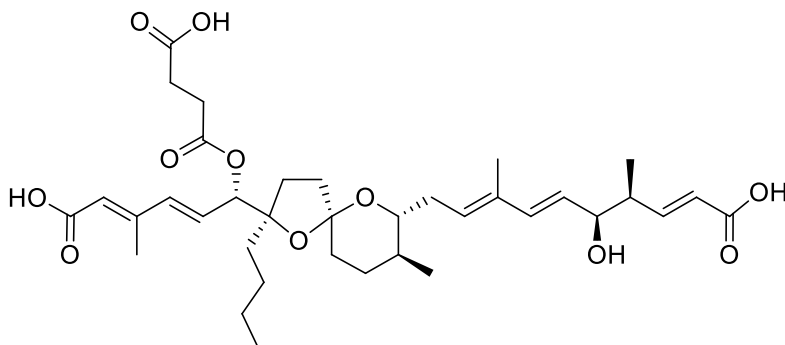


Reveromycin B

Code No.: **BIA-R1079**

Pack sizes: **0.25 mg, 1 mg**



Synonyms :

Specifications

CAS #	: 144860-68-4
Molecular Formula	: C ₃₆ H ₅₂ O ₁₁
Molecular Weight	: 660.8
Source	: <i>Streptomyces</i> sp.
Appearance	: Tan Lyophilisate
Purity	: >95% by HPLC
Long Term Storage	: -20°C
Solubility	: Soluble in ethanol, methanol, DMF or DMSO. Poor water solubility.

Application Notes

Reveromycin B is an 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.