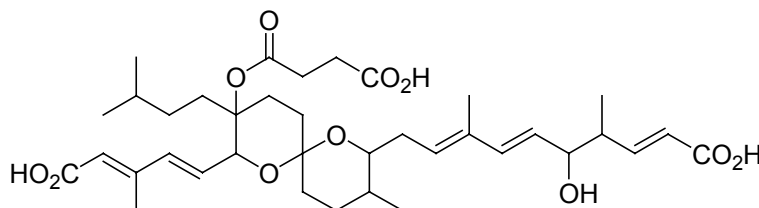


## Reveromycin C

Code: **BIA-R1080**

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



Synonyms :

## Specifications

CAS #	: <b>144860-69-5</b>
Molecular Formula	: <b>C<sub>37</sub>H<sub>54</sub>O<sub>11</sub></b>
Molecular Weight	: <b>674.8</b>
Source	: <b><i>Streptomyces</i> sp. MST-AS5344</b>
Appearance	: <b>White solid</b>
Purity	: <b>&gt; 95% by HPLC</b>
Long Term Storage	: <b>-20°C</b>
Solubility	: <b>Soluble in ethyl acetate, ethanol, methanol, DMF or DMSO, avoid acidic conditions.</b>

## Application Notes

Reveromycin C is a minor analogue of the reveromycin complex isolated from a *Streptomyces* sp. Published information suggests that reveromycin C exhibits comparable potency to reveromycin A, its butyl homologue. In in-house screens reveromycins C and A had similar biological profiles but reveromycin C was generally more potent.

## 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.