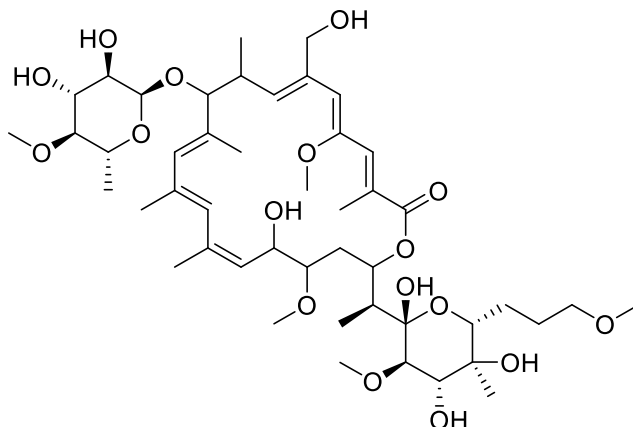


Amycolatopsin C

Code No.: **BIA-A2681**

Pack sizes: **0.1 mg, 0.5 mg**



Synonyms :

Specifications

CAS #	: NA
Molecular Formula	: C₄₈H₈₀O₁₇
Molecular Weight	: 929.2
Source	: <i>Amycolatopsis</i> sp.
Appearance	: Off-white solid
Purity	: >95% by HPLC
Long Term Storage	: -20°C
Solubility	: Soluble in methanol or DMSO

Application Notes

Amycolatopsin C is a glycosylated polyketide isolated by Microbial Screening Technologies from *Amycolatopsis* sp.. The amycolatopsins are closely related to the ammocidins and apoptolidins. Amycolatopsin A and C, bearing a hydroxyl group at the 6-methyl position, selectively inhibit the mycobacteria, *M. bovis* and *M. tuberculosis* and exhibit a low level of cytotoxicity toward mammalian cells.

References

1. Amycolatopsins A-C: antimycobacterial glycosylated polyketide macrolides from the Australian soil *Amycolatopsis* sp. MST-108494. Khalil Z.G. et al. J. Antibiot. 2017, 70, 1097.