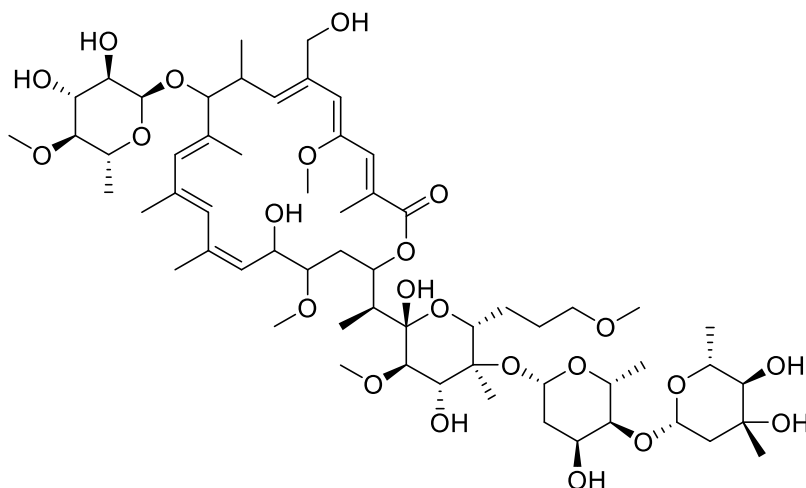


Amycolatopsin A

Code No.: **BIA-A1978**

Pack sizes: **1 mg, 5 mg**



Synonyms :

Specifications

CAS #	: 2209112-96-7
Molecular Formula	: C ₆₀ H ₉₈ O ₂₃
Molecular Weight	: 1187.4
Source	: <i>Amycolotopsis</i> sp.
Appearance	: Off-white solid
Purity	: >95% by HPLC
Long Term Storage	: -20°C
Solubility	: Soluble in methanol or DMSO

Application Notes

Amycolatopsin A is a glycosylated polyketide isolated by Microbial Screening Technologies from *Amycolotopsis* 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.