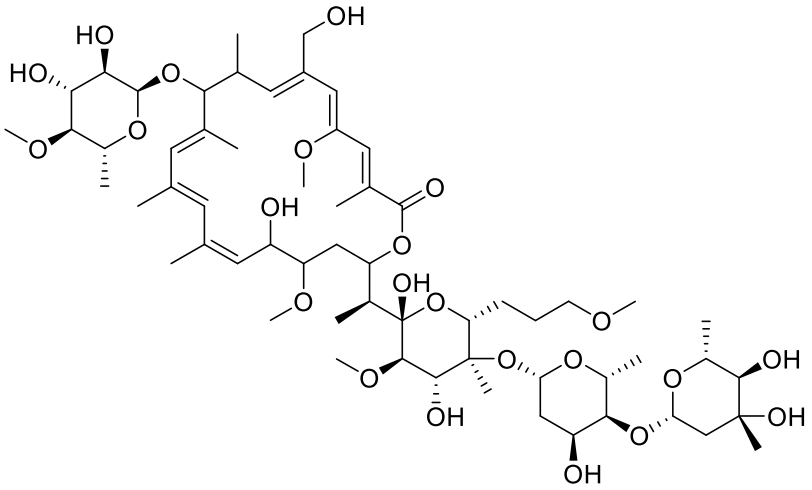
bioaustralis
fine chemicals

PRODUCT DATA SHEET

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	:	***Amycolatopsis* 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.

For in vitro laboratory use only. Not for human or animal use.

Updated: 14 November 2025

© Copyright BioAustralis 2025

Building C, 28-54 Percival Road, Smithfield, NSW 2164, AUSTRALIA

Tel: 61 2 9757 4515 Fax: 61 2 9757 2586 Web: www.bioaustralis.com Email: info@bioaustralis.com