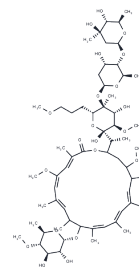


## Amycolatopsin B

## Chemical Properties

CAS No. :	2209112-97-8
Formula:	C60H98O22
Molecular Weight:	1171.422
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



## Biological Description

Description	Amycolatopsin B is a bacterial metabolite originally isolated from Amycolatopsis that has anticancer activity. It is cytotoxic to NCI H460 lung and SW620 colon cancer cells (IC50s = 0.28 and 0.14 $\mu$ M, respectively).
Targets(IC50)	Others, Antifungal

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8537 mL	4.2683 mL	8.5366 mL
5 mM	0.1707 mL	0.8537 mL	1.7073 mL
10 mM	0.0854 mL	0.4268 mL	0.8537 mL
50 mM	0.0171 mL	0.0854 mL	0.1707 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

## Reference

Khalil, Z.G., Salim, A.A., Vuong, D., et al. Amycolatopsins A-C: Antimycobacterial glycosylated polyketide macrolides from the Australian soil Amycolatopsis sp. MST-108494. *Antibiot. (Tokyo)* 70(12)1097-1103(2017)

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