

Amycolatopsin C Biochemical

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CATALOG #
AAA227309

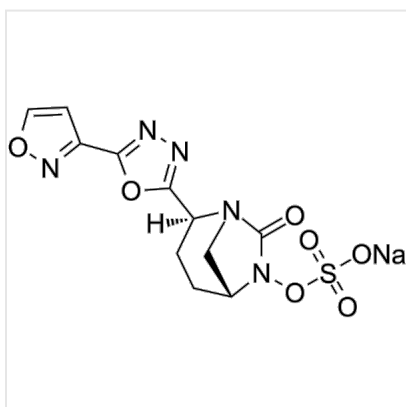
PRODUCT SYNONYMS

Amycolatopsin C; Amycolatopsin C biochemical

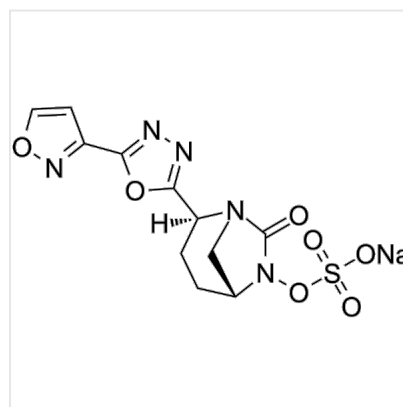
PRODUCT SPECIFICATIONS

Purity/Purification	98%
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
Antibacterial agent 42, CAS 1426572-47-5



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ADDITIONAL INFORMATION

Related Product Information for Amycolatopsin C biochemical	Amycolatopsin C is a polyketide macrolide originally isolated from Amycolatopsis that has antimycobacterial and anticancer activities. It is active against M. bovis and M. tuberculosis (IC50s = 2.7 and 5.7 uM, respectively) but not B. subtilis, S. aureus, E. coli, or P. aeruginosa (IC50s = 30 uM for all). Amycolatopsin C is cytotoxic to SW620 colorectal and NCI H460 lung cancer cells (IC50s = 10 and 5.9 uM, respectively).
References	1. Sachin Bhagwat, et al. 1,6- diazabicyclo [3,2,1] octan- 7 - one derivatives and their use in the treatment of bacterial infections.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.