

Antibacterial agent 58 Biochemical

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CATALOG #
AAA227692

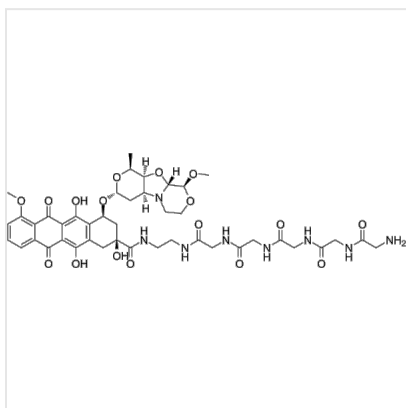
PRODUCT SYNONYMS

Antibacterial agent 58; Antibacterial agent 58 biochemical

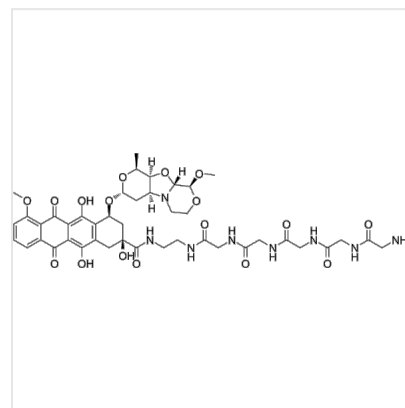
PRODUCT SPECIFICATIONS

Purity/Purification	98%
CAS	1426572-65-7
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
In vitro	Antibacterial agent 58 (example 23) significantly lowers MIC value of Ceftazidime (MIC=1, 2, 8 mcg/ml for E. coli 1335 1, E. coli M50, and E. coli 7MP, respectively). Antibacterial agent 58 significantly lowers MIC values of the antibacterial agent Ceftazidime (MIC=0.2~2 mcg/ml for class A ESBL; 2-8 mcg/ml for class C ESBL; 4-8 mcg/ml for KPC ESBL)[1]. From WO2013030735A1, example 23. Class A ESBL: E.coli W 13353; E.coli W3351; E.coli W 13352 Class C ESBL: E.coli M 50; E.coli 7 MIP; E.coli B 89 KPC ESBL: K.pneumoniae H 520; K.pneumoniae H 521; K. pneumoniae H 522 Class D ESBL: A.Baumannii13301; A.baumannii 13304
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
PNU-EDA-Gly5, CAS 1957223-28-7



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ADDITIONAL INFORMATION

Related Product Information for Antibacterial agent 58 biochemical	Antibacterial agent 58, an antibacterial agent, significantly lowers MIC value of antibacterial agent Ceftazidime.
References	1. Quintieri L, et al. Formation and antitumor activity of PNU-159682, a major metabolite of nemorubicin in human liver microsomes. Clin Cancer Res. 2005 Feb 15;11(4):1608-17.

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.

