

Cyclic ADP-ribose ammonium Biochemical

Cyclic ADP-ribose ammonium

CATALOG #
AAA227321

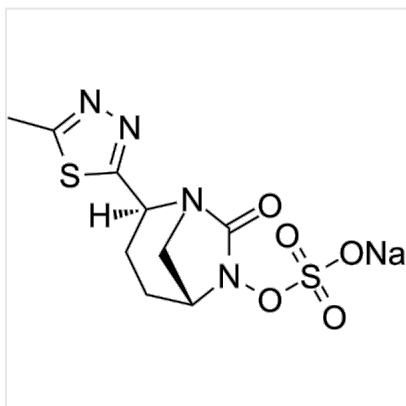
PRODUCT SYNONYMS

Cyclic ADP-ribose ammonium; Cyclic ADP-ribose ammonium biochemical

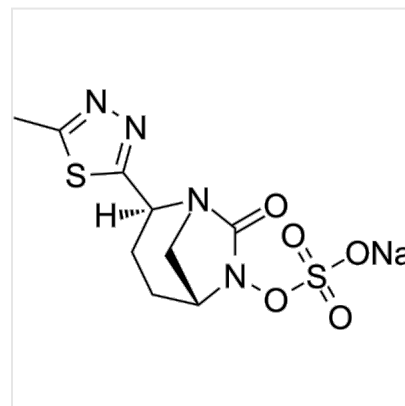
PRODUCT SPECIFICATIONS

Purity/Purification	98%
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
In vitro	cADPR (100 uM; push-pull type of brain microperfusion) elevates OT concentrations in ordinate or subordinate mice[5].
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
Antibacterial agent 54, CAS 1426572-62-4



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ADDITIONAL INFORMATION

Related Product Information for Cyclic ADP-ribose ammonium biochemical	Cyclic ADP-ribose ammonium (cADPR ammonium) is a potent second messenger for calcium mobilization that is synthesized from NAD ⁺ by an ADP-ribosyl cyclase. Cyclic ADP-ribose ammonium increases cytosolic calcium mainly by Ryanodine receptor-mediated release from endoplasmic reticulum and also by extracellular influx through the opening of TRPM2 channels[1][2][3].
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. Patent WO2013030735A1.

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.