

Phosphatidic Acids (ammonium salt) Biochemical

Phosphatidic Acids (egg)(ammonium salt)

CATALOG #
AAA227322

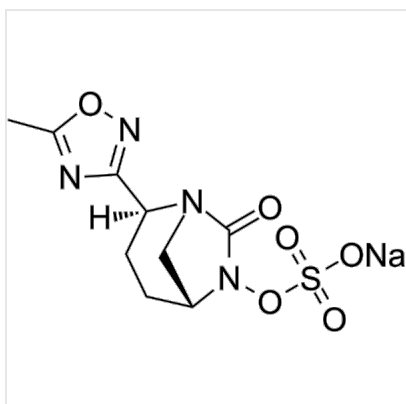
PRODUCT SYNONYMS

Phosphatidic Acids (ammonium salt); Phosphatidic Acids (egg)(ammonium salt); Phosphatidic Acids (ammonium salt) biochemical

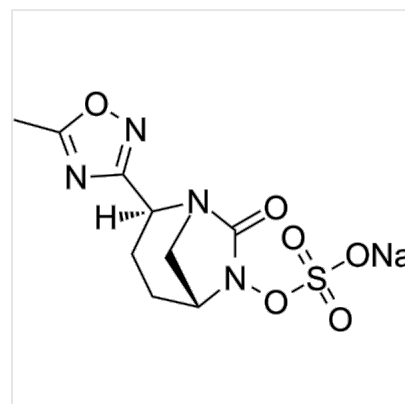
PRODUCT SPECIFICATIONS

Purity/Purification	98%
Solubility	Chloroform: Soluble Ether: Soluble <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 55, CAS 1426572-63-5



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ADDITIONAL INFORMATION

Related Product Information for Phosphatidic Acids (ammonium salt) biochemical	Phosphatidic acid is a phospholipid and an intermediate in glycerolipid biosynthesis. It is a transient intermediate in the synthesis of various phospholipid species that is synthesized de novo in cells via multiple routes, including the glycerol-3 phosphate and dihydroxyacetone phosphate pathways, enzymatic conversion of phosphatidylcholine by phospholipase D, and acetylation of lysophosphatidic acid by lysoPA-acyltransferase, among others. It has roles in shaping cellular membranes, cellular signaling, vesicle fission and fusion, as well as mitochondrial division and fusion. It stimulates respiratory burst in neutrophils independent of diacylglycerol and activates monoacylglycerol acyltransferase, phospholipase C (PLC), Ras, and phosphatidylinositol 4-phosphate (PIP4) kinase in several cell lines. Phosphatidic acids (egg) is a mixture of phosphatidic acids isolated from chicken egg with fatty acids of variable chain lengths.
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.

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Online datasheet: <https://www.aaabiotech.com/biochemical/phosphatidic-acids-ammonium-salt/227322>