

ATP dipotassium Biochemical

ATP dipotassium

CATALOG #
AAA228707

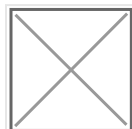
PRODUCT SYNONYMS

ATP dipotassium; ATP dipotassium biochemical

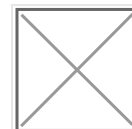
PRODUCT SPECIFICATIONS

Purity/Purification	98%
CAS	42373-41-1
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
In vitro	ATP dipotassium (50 mg/kg; i.p.) protects mice against bacterial infection in vivo[4]. ATP dipotassium induces the secretion of IL-1beta, KC and MIP-2 and neutrophils recruitment in vivo[4]. Animal Model: Four-week-old Kunming mice (18-22 g)[4]. Dosage: 50 mg/kg. Administration: intraperitoneal injection, before bacterial (E. coli) challenge. Result: Protected mice from bacterial infection.
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
E)-2'-Hydroxy-3,4-dimethoxychalcone, CAS 79140-20-8



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ADDITIONAL INFORMATION

Related Product Information for ATP dipotassium biochemical	ATP dipotassium (Adenosine 5'-triphosphate dipotassium) is a central component of energy storage and metabolism in vivo. ATP dipotassium provides the metabolic energy to drive metabolic pumps and serves as a coenzyme in cells. ATP dipotassium is an important endogenous signaling molecule in immunity and inflammation.
References	1. Mauricio Cabrera, et al. Identification of chalcones as in vivo liver monofunctional phase II enzymes inducers. Bioorg Med Chem. 2010 Jul 15;18(14):5391-9.

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://stage.aaabiotech.com/biochemical/atp-dipotassium/228707>