

2'-NH₂-ATP biochemical

2'-NH₂-ATP

CATALOG #
AAA228798

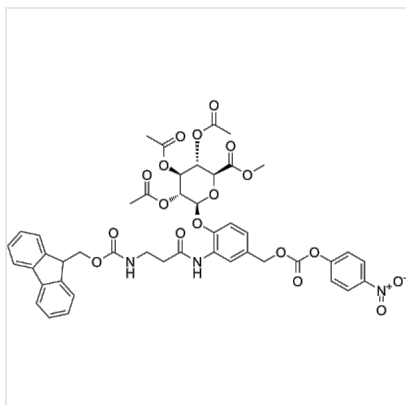
PRODUCT SYNONYMS

2'-NH₂-ATP; 2'-NH₂-ATP biochemical

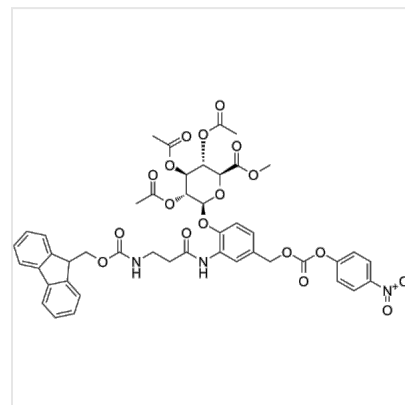
PRODUCT SPECIFICATIONS

Purity/Purification	98%
CAS	61468-88-0
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
In vitro	2'-NH ₂ -ATP (2 mM) did not replace ATP as a substrate for NH ₃ -dependent cytidine 5'-triphosphate (CTP) formation catalyzed by CTP synthase[2].
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
beta-D-glucuronide-pNP-carbonate, CAS 894095-98-8



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ADDITIONAL INFORMATION

Related Product Information for 2'-NH ₂ -ATP biochemical	2'-NH ₂ -ATP (2'-Amino-2'-deoxyadenosine-5'-triphosphate), an adenosine derivative, is a weak competitive inhibitor of ATP, with a K _i of 2.3 mM. 2'-NH ₂ -ATP can be used in nucleic acid labeling.
References	1. Beck A, et al. Strategies and challenges for the next generation of antibody-drug conjugates. Nat Rev Drug Discov. 2017 May;16(5):315-337.

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.