

## 2'-NH<sub>2</sub>-ATP biochemical

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CATALOG #  
**AAA228798**

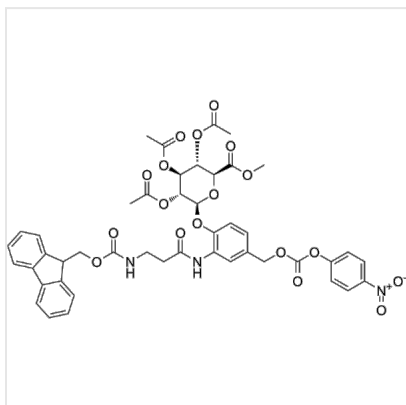
### PRODUCT SYNONYMS

2'-NH<sub>2</sub>-ATP; 2'-NH<sub>2</sub>-ATP biochemical

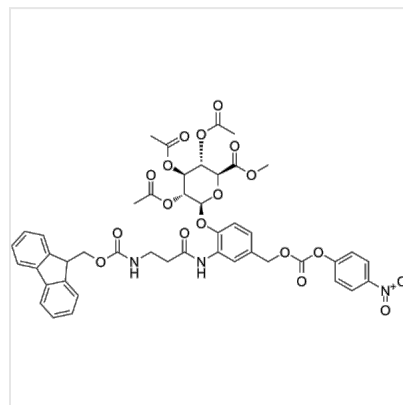
### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                         |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purity/Purification     | 98%                                                                                                                                                                     |
| CAS                     | 61468-88-0                                                                                                                                                              |
| Solubility              | <1mg/ml refers to the product slightly soluble or insoluble                                                                                                             |
| In vitro                | 2'-NH <sub>2</sub> -ATP (2 mM) did not replace ATP as a substrate for NH <sub>3</sub> -dependent cytidine 5'-triphosphate (CTP) formation catalyzed by CTP synthase[2]. |
| Preparation and Storage | Powder: -20 degree C for 3 years<br>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 <sub>2</sub> -ATP biochemical | 2'-NH <sub>2</sub> -ATP (2'-Amino-2'-deoxyadenosine-5'-triphosphate), an adenosine derivative, is a weak competitive inhibitor of ATP, with a K <sub>i</sub> of 2.3 mM. 2'-NH <sub>2</sub> -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.