

5'-pApA (sodium salt) Biochemical

5'-pApA (sodium salt)

CATALOG #
AAA227020

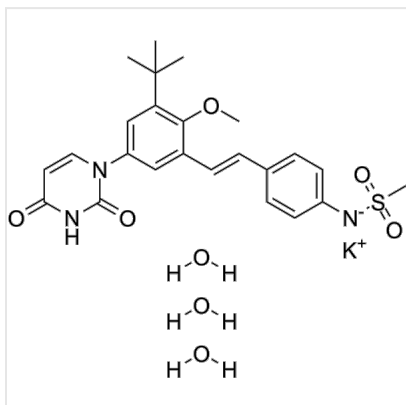
PRODUCT SYNONYMS

5'-pApA (sodium salt); 5'-pApA (sodium salt) biochemical

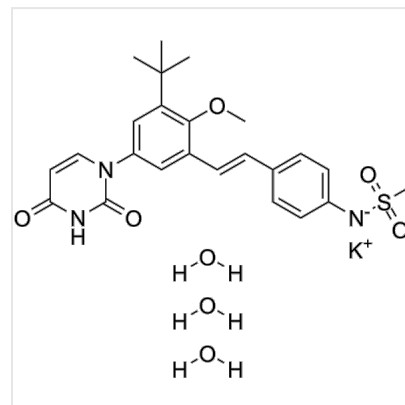
PRODUCT SPECIFICATIONS

Purity/Purification	98%
Solubility	H2O: 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
ABT-072 potassium trihydrate, CAS 1132940-31-8



Structure
ABT-072 potassium trihydrate, CAS 1132940-31-8

ADDITIONAL INFORMATION

Related Product Information for 5'-pApA (sodium salt) biochemical	5'-pApA is a linearized form of cyclic di-AMP, a bacterial second messenger that activates the host innate immune system through stimulator of interferon genes (STING).1,2,3,4It is a metabolite of cyclic di-AMP formed via hydrolysis by various phosphodiesterases (PDEs).55'-pApA is intended for use as a negative control for cyclic di-AMP signaling.
References	1. Lawitz E, et al. A phase 2a trial of 12-week interferon-free therapy with two direct-acting antivirals (ABT-450/r, ABT-072) and ribavirin in IL28B C/C patients with chronic hepatitis C genotype 1. J Hepatol. 2013;59(1):18-23. 2. Shi Y, et al. Assessing Supersaturation and Its Impact on In Vivo Bioavailability of a Low-Solubility Compound ABT-072 With a Dual pH, Two-Phase Dissolution Method. J Pharm Sci. 2016;105(9):2886-2895. 3. Randolph JT, et al. Synthesis and Biological Characterization of Aryl Uracil Inhibitors of Hepatitis C Virus NS5B Polymerase: Discovery of ABT-072, a trans-Stilbene Analog with Good Oral Bioavailability. J Med Chem. 2018;61(3):1153-1163.

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.

