

Product Data Sheet

Product Name: Adenosine-3',5'-bisphosphate ammonium solution (100 mM)

Cat. No.: GC81400

Chemical Properties

Cas. No.

Formula $C_{10}H_{24}N_8O_{10}P_2$

M.Wt 478.29

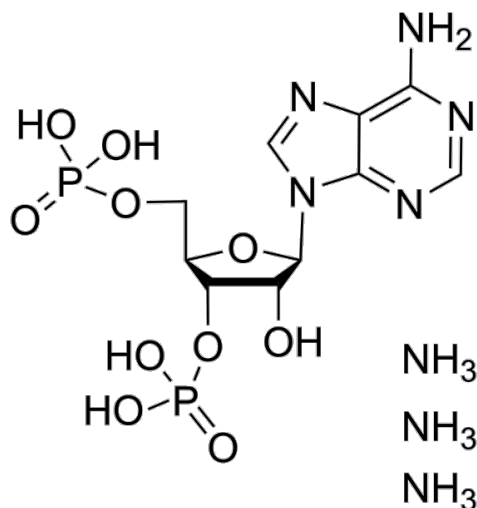
Solubility

Storage Store at -20°C

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT, or blue ice upon request.

Structure



Background

Adenosine-3',5'-bisphosphate ammonium is a XRN1 inhibitor ($IC_{50} = 36$ nM). Adenosine-3',5'-bisphosphate ammonium can be used in the study of colorectal cancer, breast cancer and lung cancer [1].

References:

[1]. Lockbaum GJ, et al. Characterization of exoribonuclease XRN1 as a cancer target and identification of adenosine-3',5'-bisphosphate as a potent enzyme inhibitor. Commun Biol. 2025 Apr 9;8(1):589.

Caution: Product has not been fully validated for medical applications. For research use only.

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