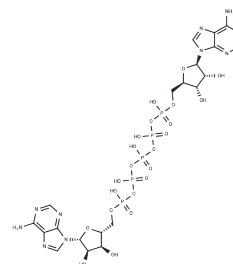


Ap5A

## Chemical Properties

CAS No. : 41708-91-2  
 Formula: C<sub>20</sub>H<sub>29</sub>N<sub>10</sub>O<sub>22</sub>P<sub>5</sub>  
 Molecular Weight: 916.37  
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year  
 Actual storage temperature shall be subject to the COA.



## Biological Description

Description	Ap5A (Diadenosine pentaphosphate) is a polyphosphate diadenosine compound that functions as an adenylate kinase inhibitor, with a Ki value of 2.5 nM. This compound is applicable in cancer research.
Targets(IC50)	Endogenous Metabolite

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0913 mL	5.4563 mL	10.9126 mL
5 mM	0.2183 mL	1.0913 mL	2.1825 mL
10 mM	0.1091 mL	0.5456 mL	1.0913 mL
50 mM	0.0218 mL	0.1091 mL	0.2183 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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