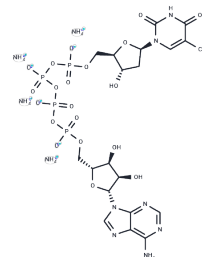


Ap4dT

Chemical Properties

CAS No. :	1146545-74-5
Formula:	C ₂₀ H ₄₁ N ₁₁ O ₂ P ₄
Molecular Weight:	879.5
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	Ap4dT serves as an inhibitor of human adenylate kinase isozyme 1 (hAK1), effectively suppressing the synthesis of ATP and ADP, with IC50 values of 42 μM and 38 μM, respectively.
Targets(IC50)	DNA/RNA Synthesis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.137 mL	5.685 mL	11.3701 mL
5 mM	0.2274 mL	1.137 mL	2.274 mL
10 mM	0.1137 mL	0.5685 mL	1.137 mL
50 mM	0.0227 mL	0.1137 mL	0.2274 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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