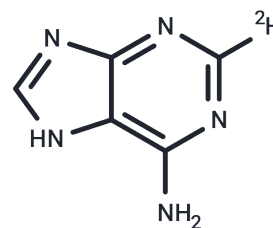


Adenine-2-D1

Chemical Properties

CAS No. :	109923-52-6
Formula:	C5D1H4N5
Molecular Weight:	136.13
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	Adenine-2-D1 is a deuterated compound of Adenine. Adenine (T0064) has a CAS number of 73-24-5. Adenine, a purine derivative, is a nucleobase with various roles in biochemistry including cellular respiration, in the form of both the energy-rich ATP and NAD and FAD, and protein synthesis, as a chemical component of DNA and RNA.
Targets(IC50)	Endogenous Metabolite,DNA/RNA Synthesis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	7.3459 mL	36.7296 mL	73.4592 mL
5 mM	1.4692 mL	7.3459 mL	14.6918 mL
10 mM	0.7346 mL	3.673 mL	7.3459 mL
50 mM	0.1469 mL	0.7346 mL	1.4692 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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