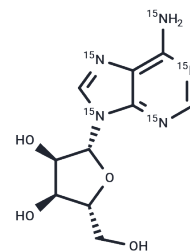


## Adenosine-15N5

## Chemical Properties

CAS No. :	168566-57-2
Formula:	C10H13N5O4
Molecular Weight:	272.21
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	Adenosine-15N5 is a form of adenosine labeled with the nitrogen isotope 15N. This compound, also known as adenosine (adenine riboside), is a prevalent endogenous secretion that exerts its effects through four G protein-coupled receptors (A1, A2A, A2B, and A3). Adenosine (T0853) influences nearly every aspect of cellular physiology, including neuronal activity, vascular function, platelet aggregation, and the regulation of blood cells.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.6736 mL	18.3682 mL	36.7363 mL
5 mM	0.7347 mL	3.6736 mL	7.3473 mL
10 mM	0.3674 mL	1.8368 mL	3.6736 mL
50 mM	0.0735 mL	0.3674 mL	0.7347 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.

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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481