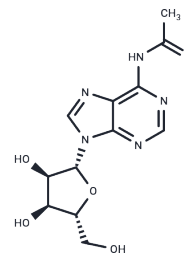


## N6-Acetyl adenosine

## Chemical Properties

CAS No. :	16265-37-5
Formula:	C <sub>12</sub> H <sub>15</sub> N <sub>5</sub> O <sub>5</sub>
Molecular Weight:	309.28
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	N6-Acetyl adenosine is an adenosine nucleoside analog suitable for biochemical experiments and drug synthesis studies.
Targets(IC50)	Nucleoside Antimetabolite/Analog

## Solubility Information

Solubility	DMSO: 80 mg/mL (258.67 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2333 mL	16.1666 mL	32.3332 mL
5 mM	0.6467 mL	3.2333 mL	6.4666 mL
10 mM	0.3233 mL	1.6167 mL	3.2333 mL
50 mM	0.0647 mL	0.3233 mL	0.6467 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.

## Reference

Man S, et al. Potential and promising anticancer drugs from adenosine and its analogs. Drug Discov Today. 2021 Jun;26(6):1490-1500.

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