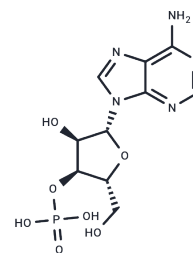


## 3'-Adenylic acid

## Chemical Properties

CAS No. :	84-21-9
Formula:	C <sub>10</sub> H <sub>14</sub> N <sub>5</sub> O <sub>7</sub> P
Molecular Weight:	347.22
Storage:	Store at low temperature Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	3'-Adenylic acid is an agent of bioactive chemical.
Targets(IC50)	Nucleoside Antimetabolite/Analog,Others,cGAS

## Solubility Information

Solubility	DMSO: 10 mg/mL (28.8 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	2.880 mL	14.4001 mL	28.8002 mL
5 mM	0.576 mL	2.880 mL	5.760 mL
10 mM	0.288 mL	1.440 mL	2.880 mL
50 mM	0.0576 mL	0.288 mL	0.576 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

- Yanagawa H, Ogawa Y, Miyakawa A, Egami F. DNase A, a poly(dA) and poly(dT)-specific deoxyribonuclease from *Achatina fulica*. Purification and characterization. *J Biochem.* 1981 Nov;90(5):1463-78. PubMed PMID: 7338515.
- Iizuka H, Adachi K, Halprin KM, Levine V. Adenosine and adenine nucleotides stimulation of skin (epidermal) adenylate cyclase. *Biochim Biophys Acta.* 1976 Oct 22;444(3):685-93. PubMed PMID: 186102.

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