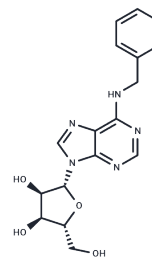


N6-Benzyladenosine

Chemical Properties

CAS No. :	4294-16-0
Formula:	C17H19N5O4
Molecular Weight:	357.36
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-Benzyladenosine is an adenosine derivative widely used in biochemical experiments and drug synthesis research.
Targets(IC50)	Apoptosis,Amino Acids and Derivatives,Adenosine Receptor

Solubility Information

Solubility	DMSO: 100 mg/mL (279.83 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	2.7983 mL	13.9915 mL	27.983 mL
5 mM	0.5597 mL	2.7983 mL	5.5966 mL
10 mM	0.2798 mL	1.3991 mL	2.7983 mL
50 mM	0.056 mL	0.2798 mL	0.5597 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

Chheda GB, et al. Metabolic fate of N6-benzyladenosine and N6-benzyladenosine-5'-phosphate in rats. J Pharm Sci. 1979 Aug;68(8):1054-6.

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