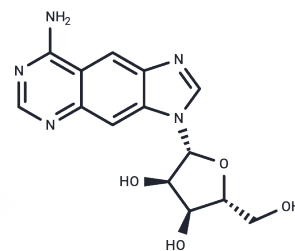


Benzoadenosine

Chemical Properties

CAS No. :	60189-62-0
Formula:	C ₁₄ H ₁₅ N ₅ O ₄
Molecular Weight:	317.3
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	Benzoadenosine suppresses kinase activity slightly less than does adenosine.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1516 mL	15.758 mL	31.5159 mL
5 mM	0.6303 mL	3.1516 mL	6.3032 mL
10 mM	0.3152 mL	1.5758 mL	3.1516 mL
50 mM	0.063 mL	0.3152 mL	0.6303 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

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Kauffman RF, Lardy HA, Barrio JR, Bario MC, Leonard NJ. Dimensional probes of the enzyme binding sites of adenine nucleotides. Interaction of lin-benzoadenosine 5'-di- and triphosphate with mitochondrial ATP synthetase, purified ATPase, and the adenine nucleotide carrier. *Biochemistry*. 1978 Sep 5;17(18):3686-92. PubMed PMID: 212101.

Leonard NJ, Sprecker MA, Morrice AG. Defined dimensional changes in enzyme substrates and cofactors. Synthesis of lin-benzoadenosine and enzymatic evaluation of derivatives of the benzopurines. *J Am Chem Soc*. 1976 Jun 23; 98(13):3987-94. PubMed PMID: 819479.

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