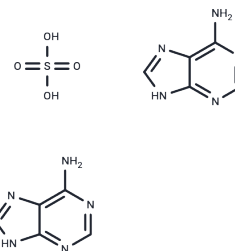


Adenine hemisulfate

Chemical Properties

CAS No. : 321-30-2
 Formula: $2(C_5H_5N_5) \cdot H_2SO_4$
 Molecular Weight: 368.33
 Appearance: no data available
 Storage: store under nitrogen
 Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Adenine hemisulfate (Diadenine sulphate) is a sulfate salt form of adenine which is a purine derivative and a nucleobase with a variety of roles in biochemistry.
Targets(IC50)	Endogenous Metabolite,DNA/RNA Synthesis

Solubility Information

Solubility	DMSO: 22.5 mg/mL (61.09 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	2.715 mL	13.5748 mL	27.1496 mL
5 mM	0.543 mL	2.715 mL	5.4299 mL
10 mM	0.2715 mL	1.3575 mL	2.715 mL
50 mM	0.0543 mL	0.2715 mL	0.543 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.

Reference

Ali BH, et al.Cell Physiol Biochem. 2016;38(1):248-57.

Li YH, Tan YF, Cai HD, Zhang JQ.J Pharm Biomed Anal. 2016 May 30;124:236-45.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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