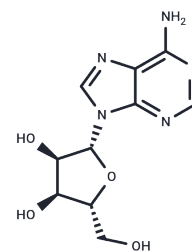


Adenosine

Chemical Properties

CAS No. :	58-61-7
Formula:	C ₁₀ H ₁₃ N ₅ O ₄
Molecular Weight:	267.24
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Adenosine (D-Adenosine) is a ribonucleoside comprised of adenine bound to ribose, with vasodilatory, antiarrhythmic and analgesic activities.
Targets(IC50)	Apoptosis,Nucleoside Antimetabolite/Analog,Endogenous Metabolite,Autophagy

Solubility Information

Solubility	DMSO: 20 mg/mL (75 mM), H ₂ O: 2.7 mg/mL (10 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.742 mL	18.7098 mL	37.4195 mL
5 mM	0.7484 mL	3.742 mL	7.4839 mL
10 mM	0.3742 mL	1.871 mL	3.742 mL
50 mM	0.0748 mL	0.3742 mL	0.7484 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

Zhou JZ, et al. Oncogene. 2015 Apr 2;34(14):1831-42.

Zhou L, Tian S, Qin G. RNA methylomes reveal the m6A-mediated regulation of DNA demethylase gene SLDML2 in

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