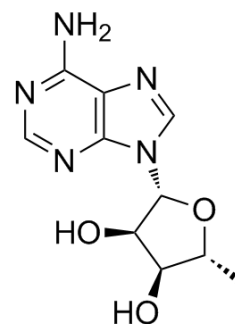


5'-Deoxyadenosine

Cat. No.:	HY-113291		
CAS No.:	4754-39-6		
Molecular Formula:	C ₁₀ H ₁₃ N ₅ O ₃		
Molecular Weight:	251.24		
Target:	Endogenous Metabolite		
Pathway:	Metabolic Enzyme/Protease		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro	DMSO : 125 mg/mL (497.53 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	3.9803 mL	19.9013 mL	39.8026 mL
		5 mM	0.7961 mL	3.9803 mL	7.9605 mL
10 mM		0.3980 mL	1.9901 mL	3.9803 mL	
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	<ol style="list-style-type: none"> Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.08 mg/mL (8.28 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.08 mg/mL (8.28 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.08 mg/mL (8.28 mM); Clear solution 				

BIOLOGICAL ACTIVITY

Description	5'-Deoxyadenosine is an oxidized nucleoside found in the urine of normal subjects.
IC₅₀ & Target	Human Endogenous Metabolite

Caution: Product has not been fully validated for medical applications. For research use only.

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