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Produktinformation



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Diagnostik & molekulare Diagnostik



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Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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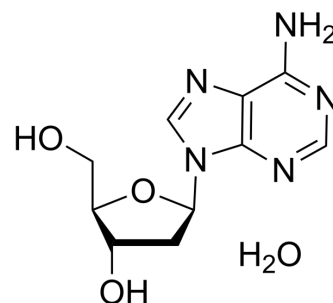
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2'-Deoxyadenosine monohydrate

Cat. No.:	HY-W011683
CAS No.:	16373-93-6
Molecular Formula:	C ₁₀ H ₁₅ N ₅ O ₄
Molecular Weight:	269.26
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	4°C, protect from light
	* In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 50 mg/mL (185.69 mM; Need ultrasonic)				
	H ₂ O : 7.14 mg/mL (26.52 mM; ultrasonic and warming and heat to 60°C)				
	Preparing Stock Solutions	Mass	1 mg	5 mg	10 mg
		Solvent			
		Concentration			
		1 mM	3.7139 mL	18.5694 mL	37.1388 mL
In Vivo	Preparing Stock Solutions	5 mM	0.7428 mL	3.7139 mL	7.4278 mL
		10 mM	0.3714 mL	1.8569 mL	3.7139 mL
		Please refer to the solubility information to select the appropriate solvent.			
		1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline			
		Solubility: ≥ 2.5 mg/mL (9.28 mM); Clear solution			
In Vivo	Preparing Stock Solutions	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)			
		Solubility: ≥ 2.5 mg/mL (9.28 mM); Clear solution			
		3. Add each solvent one by one: 10% DMSO >> 90% corn oil			
		Solubility: ≥ 2.5 mg/mL (9.28 mM); Clear solution			

BIOLOGICAL ACTIVITY

Description	2'-Deoxyadenosine monohydrate is a deoxyribonucleoside. A building block in the chemical synthesis.	
IC ₅₀ & Target	Microbial Metabolite	Human Endogenous Metabolite

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

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