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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC Handels GmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

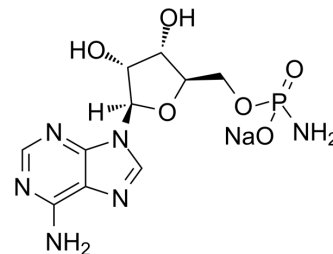
mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Adenosine 5'-monophosphoramidate sodium

Cat. No.:	HY-N7517
CAS No.:	102029-68-5
Molecular Formula:	C ₁₀ H ₁₄ N ₆ NaO ₆ P
Molecular Weight:	368.22
Target:	Nucleoside Antimetabolite/Analog
Pathway:	Cell Cycle/DNA Damage
Storage:	-20°C, stored under nitrogen, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen, away from moisture)



SOLVENT & SOLUBILITY

In Vitro	DMSO : ≥ 25 mg/mL (67.89 mM) * "≥" means soluble, but saturation unknown.				
		Mass	1 mg	5 mg	10 mg
		Solvent			
		Concentration			
	Preparing Stock Solutions	1 mM	2.7158 mL	13.5788 mL	27.1577 mL
		5 mM	0.5432 mL	2.7158 mL	5.4315 mL
		10 mM	0.2716 mL	1.3579 mL	2.7158 mL
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (6.79 mM); Clear solution 2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (6.79 mM); Clear solution 3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (6.79 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	Adenosine 5'-monophosphoramidate sodium is an adenosine derivative and can be used as an intermediate for nucleotide synthesis. Adenosine 5'-monophosphoramidate has a significant effect on the accumulation of cyclic AMP ^[1] .
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REFERENCES

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA