



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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

### SZABO-SCANDIC HandelsgmbH

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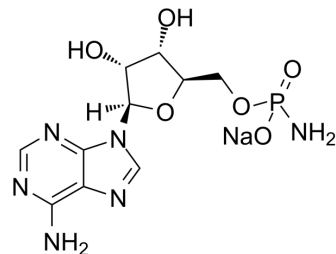
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## Adenosine 5'-monophosphoramidate sodium

<b>Cat. No.:</b>	HY-N7517
<b>CAS No.:</b>	102029-68-5
<b>Molecular Formula:</b>	C <sub>10</sub> H <sub>14</sub> N <sub>6</sub> NaO <sub>6</sub> P
<b>Molecular Weight:</b>	368.22
<b>Target:</b>	Nucleoside Antimetabolite/Analog
<b>Pathway:</b>	Cell Cycle/DNA Damage
<b>Storage:</b>	-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.

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
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

- 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
- 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
- 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<sup>[1]</sup>.

### REFERENCES

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

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