



# 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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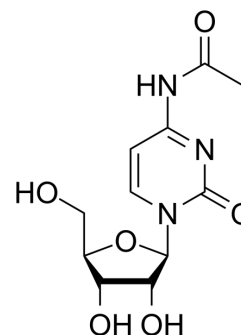
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## N4-Acetylcytidine

<b>Cat. No.:</b>	HY-W019670	
<b>CAS No.:</b>	3768-18-1	
<b>Molecular Formula:</b>	C <sub>11</sub> H <sub>15</sub> N <sub>3</sub> O <sub>6</sub>	
<b>Molecular Weight:</b>	285.25	
<b>Target:</b>	Endogenous Metabolite	
<b>Pathway:</b>	Metabolic Enzyme/Protease	
<b>Storage:</b>	Powder	-20°C 3 years
	In solvent	-80°C 6 months
		-20°C 1 month



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 25 mg/mL (87.64 mM); ultrasonic and warming and heat to 60°C)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	3.5057 mL	17.5285 mL	35.0570 mL
5 mM	0.7011 mL	3.5057 mL	7.0114 mL
10 mM	0.3506 mL	1.7528 mL	3.5057 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 (8.76 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)  
Solubility: ≥ 2.5 mg/mL (8.76 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil  
Solubility: ≥ 2.5 mg/mL (8.76 mM); Clear solution

### BIOLOGICAL ACTIVITY

#### Description

N4-Acetylcytidine is an endogenous metabolite.

#### IC<sub>50</sub> & Target

Human Endogenous Metabolite

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

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