



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

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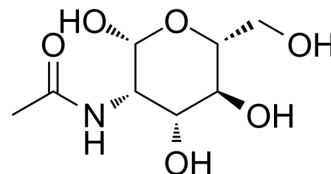
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Cyclic N-Acetyl-D-mannosamine

Cat. No.:	HY-W040154		
CAS No.:	7772-94-3		
Molecular Formula:	C ₈ H ₁₅ NO ₆		
Molecular Weight:	221.21		
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

H₂O : 100 mg/mL (452.06 mM; ultrasonic and warming and heat to 60°C)
 DMSO : 100 mg/mL (452.06 mM; Need ultrasonic)

	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	4.5206 mL	22.6030 mL	45.2059 mL
	5 mM	0.9041 mL	4.5206 mL	9.0412 mL
	10 mM	0.4521 mL	2.2603 mL	4.5206 mL

Please refer to the solubility information to select the appropriate solvent.

In Vivo

- Add each solvent one by one: PBS
Solubility: 100 mg/mL (452.06 mM); Clear solution; Need ultrasonic
- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
Solubility: ≥ 2.5 mg/mL (11.30 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.5 mg/mL (11.30 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.5 mg/mL (11.30 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Cyclic N-Acetyl-D-mannosamine (Cyclic ManNAc) is an endogenous metabolite.

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

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