



# 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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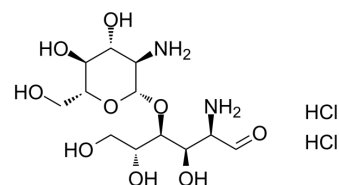
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## Chitobiose dihydrochloride

Cat. No.:	HY-N7697B
CAS No.:	115350-24-8
Molecular Formula:	C <sub>12</sub> H <sub>26</sub> Cl <sub>2</sub> N <sub>2</sub> O <sub>9</sub>
Molecular Weight:	413.25
Target:	Others
Pathway:	Others
Storage:	-20°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



### SOLVENT & SOLUBILITY

#### In Vitro

H<sub>2</sub>O : 250 mg/mL (604.96 mM; Need ultrasonic)

Solvent	Mass	Concentration		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.4198 mL	12.0992 mL	24.1984 mL
	5 mM	0.4840 mL	2.4198 mL	4.8397 mL
	10 mM	0.2420 mL	1.2099 mL	2.4198 mL

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

### BIOLOGICAL ACTIVITY

#### Description

Chitobiose dihydrochloride, a chitosan oligosaccharide, is a dimer of  $\beta$ -1,4-linked glucosamine units<sup>[1]</sup>.

### REFERENCES

[1]. Qini Zhao, et al. Chitoheptaose Promotes Heart Rehabilitation in a Rat Myocarditis Model by Improving Antioxidant, Anti-Inflammatory, and Antiapoptotic Properties. *Oxid Med Cell Longev*. 2020 Apr 11;2020:2394704.

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

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