



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

Quellenstraße 110, A-1100 Wien

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

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

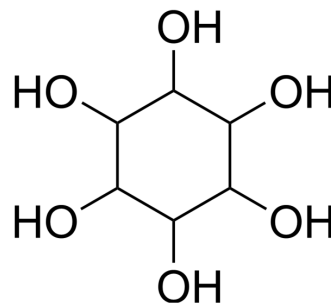
mail@szabo-scandic.com

www.szabo-scandic.com

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

Cyclohexane-1,2,3,4,5,6-hexaol

Cat. No.:	HY-W021265		
CAS No.:	6917-35-7		
Molecular Formula:	C ₆ H ₁₂ O ₆		
Molecular Weight:	180.16		
Target:	Biochemical Assay Reagents		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 10 mg/mL (55.51 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	5.5506 mL	27.7531 mL	55.5062 mL
5 mM	1.1101 mL	5.5506 mL	11.1012 mL
10 mM	0.5551 mL	2.7753 mL	5.5506 mL

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

BIOLOGICAL ACTIVITY

Description

Cyclohexane-1,2,3,4,5,6-hexaol, also known as inositol or inositol, is a cyclic sugar alcohol consisting of a six-carbon ring with six hydroxyl groups. This compound is important for its biological activity and is widely distributed in nature, especially in plant and animal tissues. It plays a role in various physiological processes such as signal transduction, osmoregulation and lipid metabolism. In addition, Cyclohexane-1,2,3,4,5,6-hexaol has potential investigational effects, including improving conditions related to insulin resistance, polycystic ovary syndrome, and mental health conditions. It can also be used as a supplement in animal feed and human nutritional products.

In Vitro

Cyclohexane-1,2,3,4,5,6-hexaol is a biochemical reagent that can be used as a biological material or organic compound for life science related research.

MCE has not independently confirmed the accuracy of these methods. They are for reference only.

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