



# 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

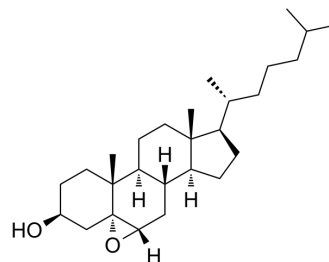
[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

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

## Cholesterol 5 $\alpha$ ,6 $\alpha$ -epoxide

<b>Cat. No.:</b>	HY-133971
<b>CAS No.:</b>	1250-95-9
<b>Molecular Formula:</b>	C <sub>27</sub> H <sub>46</sub> O <sub>2</sub>
<b>Molecular Weight:</b>	402.65
<b>Target:</b>	Biochemical Assay Reagents
<b>Pathway:</b>	Others
<b>Storage:</b>	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 2.5 mg/mL (6.21 mM; ultrasonic and warming and heat to 60°C)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	2.4835 mL	12.4177 mL	24.8355 mL
	5 mM	0.4967 mL	2.4835 mL	4.9671 mL
	10 mM	---	---	---

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

### BIOLOGICAL ACTIVITY

#### Description

Cholesterol-5 $\alpha$ ,6 $\alpha$ -epoxide is an epoxide derivative of cholesterol formed by the enzymatic oxidation of cholesterol in the liver and other tissues. Cholesterol-5 $\alpha$ ,6 $\alpha$ -epoxide has unique chemical properties that make it an important intermediate in the biosynthesis of bile acids, which play a key role in the digestion and absorption of dietary fats. It also has a potential physiological role in regulating cholesterol metabolism and transport, although its biological function is not fully understood.

#### In Vitro

Cholesterol-5 $\alpha$ ,6 $\alpha$ -epoxide 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