



# 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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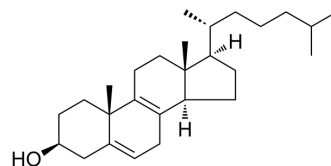
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## 8-Dehydrocholesterol

<b>Cat. No.:</b>	HY-113435
<b>CAS No.:</b>	70741-38-7
<b>Molecular Formula:</b>	C <sub>27</sub> H <sub>44</sub> O
<b>Molecular Weight:</b>	384.64
<b>Target:</b>	Endogenous Metabolite
<b>Pathway:</b>	Metabolic Enzyme/Protease
<b>Storage:</b>	-20°C, protect from light, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 5.56 mg/mL (14.46 mM; ultrasonic and warming and heat to 60°C)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.5998 mL	12.9992 mL	25.9983 mL
	5 mM	0.5200 mL	2.5998 mL	5.1997 mL
	10 mM	0.2600 mL	1.2999 mL	2.5998 mL

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

### BIOLOGICAL ACTIVITY

#### Description

8-Dehydrocholesterol elevated concentration is one of the diagnostic biochemical hallmarks of classical Smith-Lemli-Opitz syndrome (SLOS).

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

Human Endogenous Metabolite

### REFERENCES

[1]. Batta AK, et al. Identification of 8-dehydrocholesterol (cholesta-5,8-dien-3 beta-ol) in patients with Smith-Lemli-Opitz syndrome. J Lipid Res. 1995 Apr;36(4):705-13.

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

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