



# 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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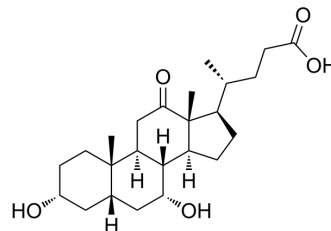
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## 12-Ketochenodeoxycholic acid

<b>Cat. No.:</b>	HY-W403933		
<b>CAS No.:</b>	2458-08-4		
<b>Molecular Formula:</b>	C <sub>24</sub> H <sub>38</sub> O <sub>5</sub>		
<b>Molecular Weight:</b>	406.56		
<b>Target:</b>	Autophagy		
<b>Pathway:</b>	Autophagy		
<b>Storage:</b>	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 100 mg/mL (245.97 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.4597 mL	12.2983 mL	24.5966 mL
	5 mM	0.4919 mL	2.4597 mL	4.9193 mL
	10 mM	0.2460 mL	1.2298 mL	2.4597 mL

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

### BIOLOGICAL ACTIVITY

#### Description

12-Ketochenodeoxycholic acid 12 is a direct precursor of cholodeoxycholic acid (CDCA). Cholodeoxycholic acid is used to cholesterol gallstones and has chemotherapeutic properties that dissolve gallstones<sup>[1]</sup>.

### REFERENCES

[1]. Sawada, H. et al. Microbial production of chenodeoxycholic acid precursor, 12-ketochenodeoxycholic acid, from dehydrocholic acid. European Journal of Applied Microbiology and Biotechnology, 10(1-2), 107-112.

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

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