



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

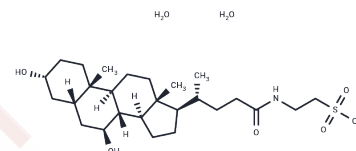
www.szabo-scandic.com

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

Tauroursodeoxycholate dihydrate

Chemical Properties

CAS No. :	117609-50-4
Formula:	C ₂₆ H ₄₉ NO ₈ S
Molecular Weight:	535.73
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Tauroursodeoxycholate dihydrate is an endoplasmic reticulum stress inhibitor. Tauroursodeoxycholate also inhibits ERK. Tauroursodeoxycholate significantly decreases the expression of apoptosis molecules, such as caspase-3 and caspase-12.
Targets(IC50)	ERK,Caspase

Solubility Information

Solubility	DMSO: 83.33 mg/mL (155.54 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8666 mL	9.3331 mL	18.6661 mL
5 mM	0.3733 mL	1.8666 mL	3.7332 mL
10 mM	0.1867 mL	0.9333 mL	1.8666 mL
50 mM	0.0373 mL	0.1867 mL	0.3733 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

Kim SY, et al. Tauroursodeoxycholate (TUDCA) inhibits neointimal hyperplasia by suppression of ERK via PKC α -mediated MKP-1 induction. Cardiovasc Res. 2011 Nov 1;92(2):307-16.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only· Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:36 Washington Street,Wellesley Hills,MA 02481