



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

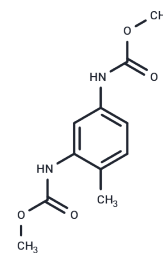
www.szabo-scandic.com

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

Obtucarbamate A

Chemical Properties

CAS No. :	6935-99-5
Formula:	C ₁₁ H ₁₄ N ₂ O ₄
Molecular Weight:	238.24
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Obtucarbamate A, isolated from <i>*Disporum cantoniense*</i> , exhibits antitussive activity and demonstrates a significant inhibitory effect against neuroinflammation with an IC ₅₀ value of 10.57 μ M.
Targets(IC ₅₀)	NO Synthase
In vitro	obtucarbamates A exhibited significant inhibitory effect against neuroinflammation with IC ₅₀ values of 10.57 μ M, much stronger than that of the positive control minocycline (IC ₅₀ 35.82 μ M).

Solubility Information

Solubility	DMSO: 2.38 mg/mL (10 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.1974 mL	20.9872 mL	41.9745 mL
5 mM	0.8395 mL	4.1974 mL	8.3949 mL
10 mM	0.4197 mL	2.0987 mL	4.1974 mL
50 mM	0.0839 mL	0.4197 mL	0.8395 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

Biotransformation of isofraxetin-6-O- β -d-glucopyranoside by *Angelica sinensis* (Oliv.) Diels callus. *Bioorg Med Chem Lett.* 2017 Jan 15;27(2):248-253

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