



# 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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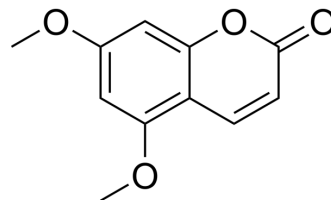
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## Citropten

<b>Cat. No.:</b>	HY-N7085		
<b>CAS No.:</b>	487-06-9		
<b>Molecular Formula:</b>	C <sub>11</sub> H <sub>10</sub> O <sub>4</sub>		
<b>Molecular Weight:</b>	206.2		
<b>Target:</b>	Others		
<b>Pathway:</b>	Others		
<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 : 25 mg/mL (121.24 mM; ultrasonic and warming and heat to 60°C)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	4.8497 mL	24.2483 mL	48.4966 mL
	5 mM	0.9699 mL	4.8497 mL	9.6993 mL
	10 mM	0.4850 mL	2.4248 mL	4.8497 mL

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

#### In Vivo

- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)  
Solubility: ≥ 2.08 mg/mL (10.09 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil  
Solubility: ≥ 2.08 mg/mL (10.09 mM); Clear solution

### BIOLOGICAL ACTIVITY

#### Description

Citropten (5,7-Dimethoxycoumarin) is a coumarin isolated from bergamot oil. Citropten (5,7-Dimethoxycoumarin) has an antiproliferative activity against A2058 human melanoma cell line<sup>[1][2]</sup>.

### REFERENCES

[1]. Makki S, et al. High-performance liquid chromatographic determination of citropten and bergapten in suction blister fluid after solar product application in humans. J Chromatogr. 1991 Feb 15;563(2):407-13.

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

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