



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



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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

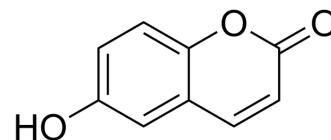
mail@szabo-scandic.com

www.szabo-scandic.com

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

6-Hydroxycoumarin

Cat. No.:	HY-N6656
CAS No.:	6093-68-1
Molecular Formula:	C ₉ H ₆ O ₃
Molecular Weight:	162.14
Target:	Fungal; Bacterial
Pathway:	Anti-infection
Storage:	4°C, stored under nitrogen
	* In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen)



SOLVENT & SOLUBILITY

In Vitro

DMSO : ≥ 100 mg/mL (616.75 mM)

* "≥" means soluble, but saturation unknown.

Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
	1 mM	6.1675 mL	30.8375 mL	61.6751 mL	
	5 mM	1.2335 mL	6.1675 mL	12.3350 mL	
	10 mM	0.6168 mL	3.0838 mL	6.1675 mL	
	Please refer to the solubility information to select the appropriate solvent.				

In Vivo

1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
Solubility: ≥ 5 mg/mL (30.84 mM); Clear solution

2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 5 mg/mL (30.84 mM); Clear solution

3. Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.08 mg/mL (12.83 mM); Clear solution

BIOLOGICAL ACTIVITY

Description	6-Hydroxycoumarin is a coumarin which has anti-inflammatory, anti-pyretic, anti-oxidant, vasodilator, anti-amoebic, anti-bacterial, anti-fungal, bacteriostatic and antitumor activity ^[1] .
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REFERENCES

[1]. Farooq S, et al. Isolation, cytotoxicity evaluation and HPLC-quantification of the chemical constituents from Prangos pabularia. PLoS One. 2014 Oct 14;9(10):e108713.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA