



# 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

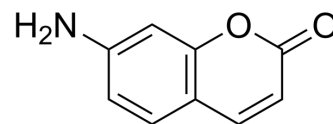
[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

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

## 7-Aminocoumarin

Cat. No.:	HY-W337618
CAS No.:	19063-57-1
Molecular Formula:	C <sub>9</sub> H <sub>7</sub> NO <sub>2</sub>
Molecular Weight:	161.16
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	7-Aminocoumarin is highly fluorescent, acts as an optical brightener and fluorescent probe <sup>[1]</sup> .
--------------------	---

### REFERENCES

- [1]. Jin X, et al. Synthesis of 7-aminocoumarin by Buchwald-Hartwig cross coupling for specific protein labeling in living cells. *Chembiochem*. 2011 Jan 3;12(1):65-70.
- [2]. Pedone A. Role of Solvent on Charge Transfer in 7-Aminocoumarin Dyes: New Hints from TD-CAM-B3LYP and State Specific PCM Calculations. *J Chem Theory Comput*. 2013 Sep 10;9(9):4087-96.
- [3]. NorikoKitamura, et al. Synthesis, absorption, and fluorescence properties and crystal structures of 7-aminocoumarin derivatives. *Journal of Photochemistry and Photobiology A: Chemistry*. 2007 May 20, 188 (2-3): 378-386.

**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