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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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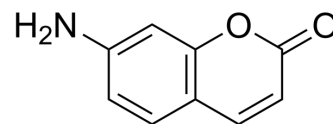
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7-Aminocoumarin

Cat. No.:	HY-W337618
CAS No.:	19063-57-1
Molecular Formula:	C ₉ H ₇ NO ₂
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

Description	7-Aminocoumarin is highly fluorescent, acts as an optical brightener and fluorescent probe ^[1] .
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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.

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