



# 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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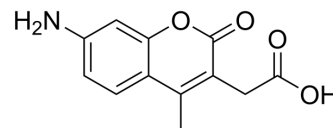
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## 7-Amino-4-methylcoumarin-3-acetic acid

|                    |  |
|--------------------|--|
| Cat. No.:          | HY-D0025   |
| CAS No.:           | 106562-32-7  |
| Molecular Formula: | C <sub>12</sub> H <sub>11</sub> NO <sub>4</sub>  |
| Molecular Weight:  | 233.22   |
| Target:            | Fluorescent Dye  |
| Pathway:           | Others   |
| Storage:           | 4°C, protect from light<br>* In solvent : -80°C, 6 months; -20°C, 1 month (protect from light) |



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 125 mg/mL (535.97 mM; Need ultrasonic)

| Preparing Stock Solutions | Solvent Concentration | Mass      |            |            |
|---------------------------|-----------------------|-----------|------------|------------|
|                           |                       | 1 mg      | 5 mg       | 10 mg      |
|                           | 1 mM                  | 4.2878 mL | 21.4390 mL | 42.8780 mL |
|                           | 5 mM                  | 0.8576 mL | 4.2878 mL  | 8.5756 mL  |
|                           | 10 mM                 | 0.4288 mL | 2.1439 mL  | 4.2878 mL  |

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

### BIOLOGICAL ACTIVITY

#### Description

7-Amino-4-methylcoumarin-3-acetic acid is a fluorescent protein labelling agent. 7-Amino-4-methylcoumarin-3-acetic acid emits in the blue region (440-460 nm) on activation with UV light (350 nm)<sup>[1]</sup>.

### REFERENCES

[1]. Khalfan H, et al. Aminomethyl coumarin acetic acid: a new fluorescent labelling agent for proteins. Histochem J. 1986;18(9):497-499.

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

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