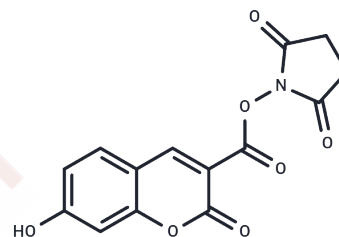


## N-Succinimidyl 7-hydroxycoumarin-3-carboxylate

## Chemical Properties

|                   |  |
|-------------------|--|
| CAS No. :         | 134471-24-2  |
| Formula:          | C10H9NO7   |
| Molecular Weight: | 303.22   |
| Storage:          | Keep away from direct sunlight<br>Powder: -20°C for 3 years   In solvent: -80°C for 1 year<br><small>Actual storage temperature shall be subject to the COA.</small> |



## Biological Description

|               |   |
|---------------|---|
| Description   | 7-Hydroxycoumarin-3-carboxylic acid, SE is the amine-reactive succinimidyl ester of 7-Hydroxycoumarin-3-carboxylic acid. This coumarin is also increasingly used to label peptides, nucleotides and carbohydrates.  |
| Targets(IC50) | Others, Autophagy   |
| In vitro      | 7-Hydroxycoumarin-3-carboxylic acid, SE is the amine-reactive succinimidyl ester of 7-Hydroxycoumarin-3-carboxylic acid. It is a blue fluorescent dye for the label of nucleic acids and proteins. This dye is also increasingly used to label nucleotides, peptides and carbohydrates. |

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 3.2979 mL | 16.4897 mL | 32.9794 mL |
| 5 mM  | 0.6596 mL | 3.2979 mL  | 6.5959 mL  |
| 10 mM | 0.3298 mL | 1.649 mL   | 3.2979 mL  |
| 50 mM | 0.066 mL  | 0.3298 mL  | 0.6596 mL  |

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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