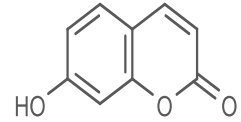


## Data Sheet (Cat.No.T1693)

### 7-Hydroxycoumarin

#### Chemical Properties

CAS No.:	93-35-6
Formula:	C9H6O3
Molecular Weight:	162.14
Appearance:	Solid
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



#### Biological Description

Description	Umbelliferone is found in anise. Umbelliferone occurs widely in plants including Angelica species Phytoalexin of infected sweet potato. It has been reported to have antioxidant properties.
Targets(IC <sub>50</sub> )	Antioxidant: None

#### Solubility Information

Solubility	DMSO: 29 mg/mL (178.9 mM) ( < 1 mg/ml refers to the product slightly soluble or insoluble)
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#### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.168 mL	30.838 mL	61.675 mL
5 mM	1.234 mL	6.168 mL	12.335 mL
10 mM	0.617 mL	3.084 mL	6.168 mL
50 mM	0.123 mL	0.617 mL	1.234 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

#### Reference

1. Kabeya LM, et al. Chem Biol Interact. 2013 Oct 25;206(1):63-75.

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