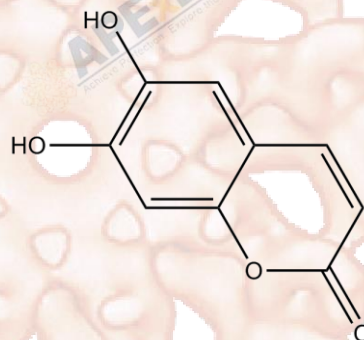


## Product Data Sheet

### 6,7-Dihydroxycoumarin

<b>Cat. No.:</b>	N1764
<b>CAS No.:</b>	305-01-1
<b>Formula:</b>	C <sub>9</sub> H <sub>6</sub> O <sub>4</sub>
<b>M.Wt:</b>	178.14
<b>Synonyms:</b>	Cichorigenin;Esculetin
<b>Target:</b>	Natural Products
<b>Pathway:</b>	
<b>Storage:</b>	Store at -20°C



### Solvent & Solubility

insoluble in H<sub>2</sub>O; insoluble in EtOH; ≥7.8 mg/mL in DMSO

In Vitro

	Solvent	Mass Concentration	1mg	5mg	10mg
Preparing Stock Solutions		1 mM	5.6136 mL	28.0678 mL	56.1356 mL
		5 mM	1.1227 mL	5.6136 mL	11.2271 mL
		10 mM	0.5614 mL	2.8068 mL	5.6136 mL

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

### Biological Activity

Shortsummary

Also called Aesculetin,esculetin,cichorigenin,natural plant phenolic, inhibiting lipoxigenases,blue fluorescence compound

IC<sub>50</sub> & Target

In Vitro

#### Cell Viability Assay

Preparation method:

In Vivo

#### Animal experiment

Applications:

### Product Citations

See more customer validations on [www.apexbt.com](http://www.apexbt.com).

## References

## Caution

**FOR RESEARCH PURPOSES ONLY.**

**NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.**

*Specific storage and handling information for each product is indicated on the product datasheet. Most APExBIO products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Short-term storage of many products are stable in the short-term at temperatures that differ from that required for long-term storage. We ensure that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the product, follow the storage recommendations on the product data sheet.*

**APExBIO Technology**

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