

## Product Datasheet

### 4-Hydroxycoumarin (orb1219545)

|                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Catalog Number  | orb1219545                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Category        | Small Molecules                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Description     | 4-Hydroxycoumarin, a coumarin derivative. 4-Hydroxycoumarin serves as an immediate precursor of 4-hydroxycoumarin (4HC) type anticoagulants (for example, warfarin). 4-Hydroxycoumarin derivatives are employed as the anticoagulant, antibacterial, antifungal, antiviral, antitumor, antiprotozoal, insecticidal, antimycobacterial, antimutagenic, antioxidant, anti-inflammatory agents, HIV protease inhibitors and tyrosine kinase inhibitors. |
| Target          | AChR                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Purity          | >98% (HPLC)                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| MW              | 162.1                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| CAS Number      | 1076-38-6                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Formula         | $C_9H_6O_3$                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Storage         | Storage temperature: -20°C. Stability: $\geq$ 2 years                                                                                                                                                                                                                                                                                                                                                                                                |
| Note            | For research use only                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Expiration Date | 12 months from date of receipt.                                                                                                                                                                                                                                                                                                                                                                                                                      |

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