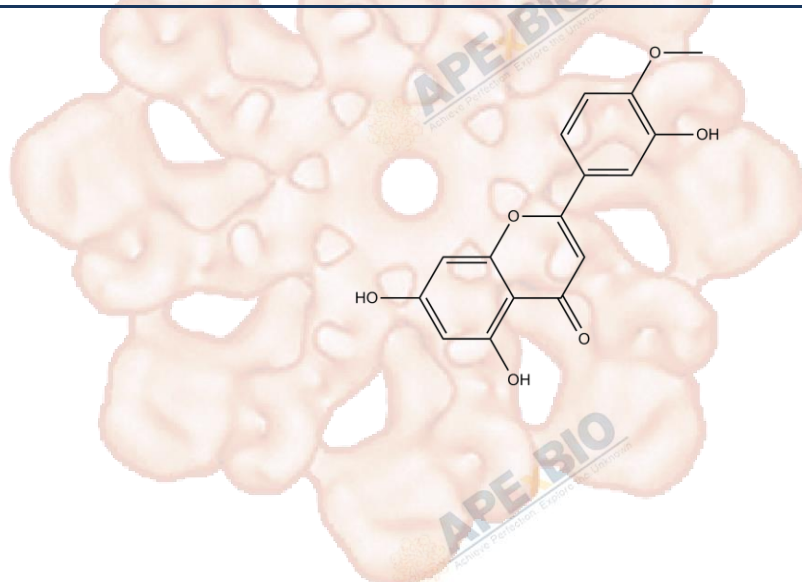


# Product Data Sheet

## Diosmetin

|                  |  |
|------------------|--|
| <b>Cat. No.:</b> | B5990  |
| <b>CAS No.:</b>  | 520-34-3                                       |
| <b>Formula:</b>  | C <sub>16</sub> H <sub>12</sub> O <sub>6</sub> |
| <b>M.Wt:</b>     | 300.26   |
| <b>Synonyms:</b> |  |
| <b>Target:</b>   | Metabolism                                     |
| <b>Pathway:</b>  | CYP3A/CYP450                                   |
| <b>Storage:</b>  | Store at -20°C                                 |



### Solvent & Solubility

insoluble in H<sub>2</sub>O; ≥13.65 mg/mL in DMSO; ≥2.4 mg/mL in EtOH with ultrasonic

In Vitro

| Preparing Stock Solutions | Solvent              | Mass      |            |            |
|---------------------------|----------------------|-----------|------------|------------|
|                           |                      | 1mg       | 5mg        | 10mg       |
|                           | <b>Concentration</b> |           |            |            |
|                           | <b>1 mM</b>          | 3.3304 mL | 16.6522 mL | 33.3045 mL |
|                           | <b>5 mM</b>          | 0.6661 mL | 3.3304 mL  | 6.6609 mL  |
|                           | <b>10 mM</b>         | 0.3330 mL | 1.6652 mL  | 3.3304 mL  |

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

### Biological Activity

Shortsummary

CYP1A1 inhibitor

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 APEX BIO products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Shortterm 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.

**APEX BIO Technology**

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