**Product Name**: Sinensetin  
**Catalog Number**: T4S0227  
**CAS Number**: 2306-27-6  
**Molecular Formula**: C20H20O7  
**Molecular Weight**: 372.37

**Description**: Sinensetin is a methylated flavone found in certain citrus fruits. It possesses potent antiangiogenesis and anti-inflammatory activity, sinensetin enhances adipogenesis and lipolysis.

**Storage**: 2 years -80°C in solvent; 3 years -20°C powder;

**Solubility**

<table>
<thead>
<tr>
<th>Solvent</th>
<th>Solubility</th>
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</thead>
<tbody>
<tr>
<td>DMSO</td>
<td>10 mM</td>
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(< 1 mg/ml refers to the product slightly soluble or insoluble)

**Receptor (IC50)**

hPGDS/Others

**In vitro Activity**

Sinensetin promotes adipogenesis in 3T3-L1 preadipocytes growing in incomplete differentiation medium, sinensetin enhances adipogenesis and lipolysis by increasing cAMP levels. Sinensetin shows anti-inflammatory activity by regulating the protein level of inhibitor κB-α (κB-α).

**In vivo Activity**

Sinensetin has the most potent antiangiogenesis activity and the lowest toxicity, inhibits angiogenesis by inducing cell cycle arrest in the G0/G1 phase in HUVEC culture and downregulating the mRNA expressions of angiogenesis genes flt1, kdr, and hras in zebrafish.

**Reference**


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Information for product storage and handling is indicated on the product datasheet. Targetmol products are stable for long term under the recommended storage conditions. Our products may be shipped under different conditions as many of them are stable in the short-term at higher or even room temperatures. We ensure that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the product, please follow the storage recommendations on the product data sheet.