

**Product Name** : Heraclenol

**Synonyms** : —

**Cat No.** : M29162

**CAS Number** : 31575-93-6

**Molecular Formula** : C<sub>16</sub>H<sub>16</sub>O<sub>6</sub>

**Formula Weight** : 304.3

**Chemical Name** : —

**Description** : Heraclenol is derived from the fruits of *Angelica lucida* with antibacterial activities. Heraclenol is a germination inhibitor in the parsley and lettuce seeds. (In Vitro): Heraclenol inhibits the proliferation of melanoma cells and cell cycle at G<sub>2</sub>/M at concentrations of 0.1-1.0 μM. UVA plus Heraclenol increases Chk1 phosphorylation and reduces cdc2 (Thr 161) phosphorylation in melanoma cells. (In Vivo): Heraclenol (0.3, 0.5 or 1.0 mg/kg; i.p.) reduces tumor growth and final tumor weight in B16F10-bearing mice.

**Pathway** : GPCR/G Protein

**Target** : Antibacterial

**Receptor** : Antibacterial

**Solubility** : —

**SMILES** : CC(C)(O)[C@H](O)COc1c2occc2cc2ccc(=O)oc12

**Storage** : (-20°C)

**Stability** : ≥ 2 years

**Reference** :