[Product Information]

Name: Heraclenol
Catalog No.: CFN98402
Cas No.: 31575-93-6
Purity: > 95%
M.F: C₁₆H₁₆O₆
M.W: 304.3
Physical Description: Powder
Synonyms: 9-[(2R)-2,3-Dihydroxy-3-methylbutoxy]furo[3,2-g]chromen-7-one.

[Intended Use]

1. Reference standards;
2. Pharmacological research;
3. Cosmetic research;
4. Agricultural research;
5. Synthetic precursor compounds;
6. Intermediates & Fine Chemicals;
7. Others.

[Source]

The herbs of *Heracleum repula Franch.*
**[Biological Activity or Inhibitors]**

Heraclenol is a germination inhibitor in the parsley seeds.\(^\text{[1]}\)

Heraclenol has anti-inflammatory properties against the ear edema in mice produced by TPA.\(^\text{[2]}\)

Heraclenol and heraclenin inhibit the proliferation of melanoma cells and cell cycle at G2/M at concentrations of 0.1-1.0 μm.\(^\text{[3]}\)

**[Solvent]**

Chloroform, Dichloromethane, Ethyl Acetate, DMSO, Acetone, etc.

**[HPLC Method]**\(^\text{[4]}\)

Mobile phase: Acetonitrile-H2O, gradient elution;
Flow rate: 0.85 ml/min;
Column temperature: 30°C;
The wavelength of determination: 254 nm.

**[Storage]**

2-8°C, Protected from air and light, refrigerate or freeze.

**[References]**


**[Contact]**

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