

Isobavachromene Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: Isobavachromene

Catalog No.: CFN92220

Cas No.: 52801-22-6

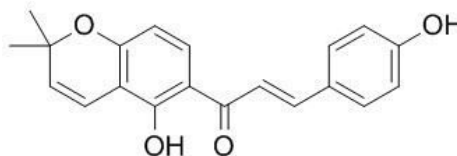
Purity: > 95%

M.F: C₂₀H₁₈O₄

M.W: 322.4

Physical Description: Yellow powder

Synonyms:



[Intended Use]

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

[Source]

The seeds of *Psoralea corylifolia* L.

[Biological Activity or Inhibitors]

Isobavachromene, isolated from the seeds of *Psoralea corylifolia*, possesses α

-glucosidase inhibitory activities. ^[1]

[Solvent]

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

[HPLC Method]^[2]

Mobile phase: Acetonitrile- 0.1% Acetic acid H₂O, gradient elution;

Flow rate: 1.0 ml/min;

Column temperature: Room Temperature;

The wave length of determination: 310 nm.

[Storage]

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

[References]

[1] Oh K Y, Jin H L, Curtis-Long M J, *et al. Food Chem.*, 2010, 121(4):940-5.

[2] Qiao C, Han Q, Song J, *et al. J. Sep. Sci.*, 2007, 30(6):813-8.

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