

Kuwanon E Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: Kuwanon E

Catalog No.: CFN92320

Cas No.: 68401-05-8

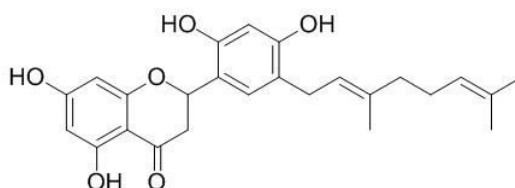
Purity: > 95%

M.F: C₂₅H₂₈O₆

M.W: 424.5

Physical Description: Powder

Synonyms: (S)-2-[5-[(E)-3,7-Dimethyl-2,6-octadienyl]-2,4-dihydroxyphenyl]-2,3-dihydro-5,7-dihydroxy-4H-1-benzopyran-4-one; 5'-[(E)-3,7-Dimethyl-2,6-octadienyl]-2',4',5,7-tetrahydroxyflavanone.



[Intended Use]

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

[Source]

The root bark of *Morus alba* L.

[Biological Activity or Inhibitors]

Not data available.

[Solvent]

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

[HPLC Method]^[1]

Mobile phase: Methanol-0.5% Glacial acetic acid water=35:65 ;

Flow rate: 1.0 ml/min;

Column temperature: 38 °C;

The wave length of determination: 280 nm.

[Storage]

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

[References]

[1] Zhang G G, Zuo T T, Zhang Y, *et al. Central South Pharmacy*, 2008, 6(2):142-4.

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