

Euchrestaflavanone A Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: Euchrestaflavanone A

Catalog No.: CFN92669

Cas No.: 80510-05-0

Purity: > 95%

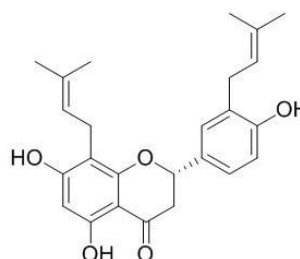
M.F: C₂₅H₂₈O₅

M.W: 408.5

Physical Description: Powder

Synonyms: (2S)-3',8-Bis(3-methyl-2-butenyl)-4',5,7-trihydroxyflavanone;

(S)-2,3-Dihydro-5,7-dihydroxy-2-[4-hydroxy-3-(3-methyl-2-butenyl)phenyl]-8-(3-methyl-2-butenyl)-4H-1-benzopyran-4-one.



[Intended Use]

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

[Source]

The herbs of *Cudrania tricuspidata*.

[Biological Activity or Inhibitors]

Euchrestaflavanone A reveals potent cytotoxicities against one or more cell lines with IC₅₀ values in the range of 4.5–9.961 μM.^[1]

Euchrestaflavanone A is an inhibitor of MRP1-like efflux activity in human erythrocytes.^[2]

[Solvent]

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

[HPLC Method]

Not data available.

[Storage]

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

[References]

[1] Kitdamrongtham W, Ishii K, Ebina K, *et al. Chem. Biodivers.*, 2014, 11(1):73-84.

[2] Bobrowskahägerstrand M, Wróbel A, Mrówczyńska L, *et al. Oncology Research Featuring Preclinical & Clinical Cancer Therapeutics*, 2003, 13(11):463-9.

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