

Cudraxanthone L Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: Cudraxanthone L

Catalog No.: CFN99422

Cas No.: 135541-40-1

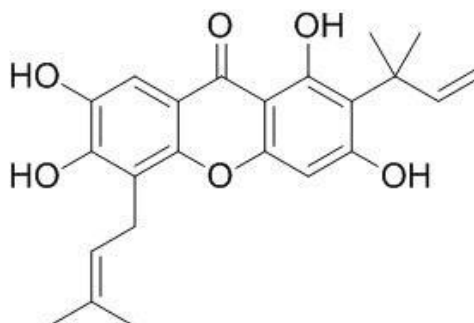
Purity: > 95%

M.F: C₂₃H₂₄O₆

M.W: 396.4

Physical Description: Yellow powder

Synonyms: 2-(1,1-Dimethyl-2-propenyl)-5-(3-methyl-2-butenyl)-1,3,6,7-tetrahydroxy-9H-xanthen-9-one.



[Intended Use]

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

[Source]

The roots of *Cudrania tricuspidata*.

[Biological Activity or Inhibitors]

Cudraxanthone L shows the significant hepatoprotective effect on tacrine-induced cytotoxicity in human liver-derived Hep G2 cells, it also exhibits the significant hepatoprotective effect on nitrofurantoin-induced cytotoxicity in human liver-derived Hep G2 cells.^[1]

[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] Tian Y H, Kim HCCui J M, Kim Y C.*Arch.Pharm.Res.*,2005,28(1):44-8.

[Contact]

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