

1,3,7-Trihydroxy-2-prenylxanthone Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: 1,3,7-Trihydroxy-2-prenylxanthone

Catalog No.: CFN98022

Cas No.: 20245-39-0

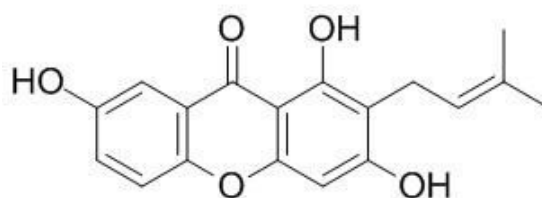
Purity: > 95%

M.F: C₁₈H₁₆O₅

M.W: 312.3

Physical Description: Yellow powder

Synonyms: 1,3,7-Trihydroxy-2-(3-methyl-2-buten-1-yl)-9H-xanthen-9-one; 1,3,7-Triethyl-3,7-dihydro-purine-2,6-dione.



[Intended Use]

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

[Source]

The fruits of *Garcinia mangostana*.

[Biological Activity or Inhibitors]

1,3,7-Trihydroxy-2-prenylxanthone, gerontoxanthone I, alvaxanthone and isoalvaxanthone, show weaker antibacterial activity against these vancomycin-resistant enterococci (MICs = 3.13-6.25 microg/ml).^[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] Fukai T, Oku Y, Hou A J, *et al. Phytomedicine*, 2005 Jun;12(6-7):510-3.

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