

3-Isomangostin hydrate Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: 3-Isomangostin hydrate

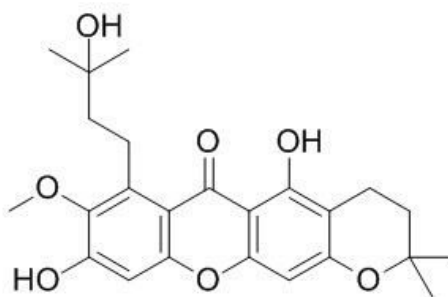
Catalog No.: CFN98295

Cas No.: 26063-96-7

Purity: > 95%

M.F: C₂₄H₂₈O₇

M.W: 428.5



Physical Description: Yellow powder

Synonyms: 5,9-Dihydroxy-7-(3-hydroxy-3-methylbutyl)-8-methoxy-2,2-dimethyl- 3,4-dihydro-2H,6H-pyrano[3,2-b]xanthen-6-one.

[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]

Not data available.

[Solvent]

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

[HPLC Method]^[1]

Mobile phase: Methanol-0.2% Formic acid in water, gradient elution ;

Flow rate: 1.0 ml/min;

Column temperature: 25°C;

The wave length of determination: 245 nm.

[Storage]

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

[References]

[1] Kongkiatpaiboon S, Vongsak B, Machana S, *et al. Journal of King Saud University - Science*, 2015, 43(2):131-5.

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