

Morusinol Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: Morusinol

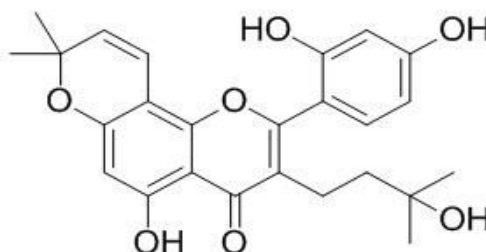
Catalog No.: CFN97086

Cas No.: 62949-93-3

Purity: > =98%

M.F: C₂₅H₂₆O₇

M.W: 438.5



Physical Description: Yellow powder

Synonyms: 2-(2,4-dihydroxyphenyl)-5-hydroxy-3-(3-hydroxy-3-methylbutyl)-8,8-dimethylp
yrano[2,3-h]chromen-4-one; Oxydihydromorusin.

[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]

Morusinol may significantly inhibit arterial thrombosis in vivo due to antiplatelet activity, thus, it may exert beneficial effects on transient ischemic attacks or stroke via the modulation of platelet activation.^[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] Lee J J, Yang H, Yoo Y M, *et al. J. Atheroscler. Thromb.*, 2012;19(6):516-22.

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