

Glyasperin A Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: Glyasperin A

Catalog No.: CFN99464

Cas No.: 17388-39-5

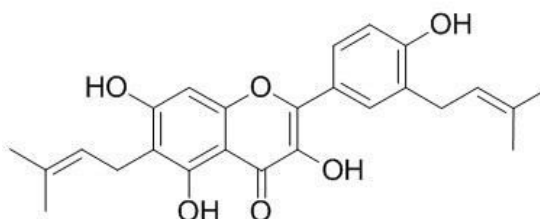
Purity: > 95%

M.F: C₂₅H₂₆O₆

M.W: 422.5

Physical Description: Yellow powder

Synonyms: 3,5,7-Trihydroxy-2-[4-hydroxy-3-(3-methylbut-2-en-1-yl)phenyl]-6-(3-methylbut-2-en-1-yl)-4H-chromen-4-one; 6,3'-Diprenyl kaempferol.



[Intended Use]

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

[Source]

The roots of *Glycyrrhiza uralensis* Fisch.

[Biological Activity or Inhibitors]

Glyasperin A has cytotoxic properties against P-388 cells, its IC₅₀ values being 6.0 microM.^[1]

[Solvent]

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

[HPLC Method]^[2]

Mobile phase: 0.05% Formic acid in water- Acetonitrile, gradient elution ;

Flow rate: 0.6 ml/min;

Column temperature: 30 °C;

The wave length of determination: 210 nm.

[Storage]

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

[References]

[1] Tanjung M, Hakim E H, Mujahidin D, *et al. J. Asian Nat. Prod. Res.*, 2009 ,11(11): 929-32.

[2] Tao S, Lian X Y, Wang Y, *et al. Journal of Zhejiang University (Medical Sciences)*, 2015, 44(2):145-53.

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