

Icariside I Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: Icariside I

Catalog No.: CFN92550

Cas No.: 56725-99-6

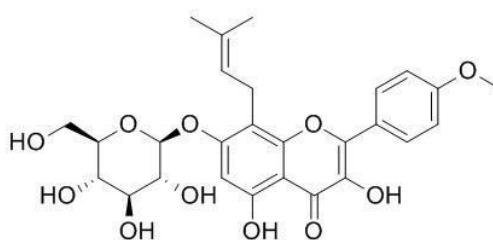
Purity: > 95%

M.F: C₂₇H₃₀O₁₁

M.W: 530.52

Physical Description: Yellow powder

Synonyms: 3,5-Dihydroxy-2-(4-methoxyphenyl)-8-(3-methylbut-2-en-1-yl)-4-oxo-4H-chromen-7-yl beta-D-glucopyranoside.



[Intended Use]

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

[Source]

The herbs of *Epimedium brevicornu*.

[Biological Activity or Inhibitors]

Not data available.

[Solvent]

Pyridine, Methanol, Ethanol, etc.

[HPLC Method]^[1]

Mobile phase: Methanol - 0.2 %Phosphoric acid H₂O,gradient elution ;

Flow rate: 1.0 ml/min;

Column temperature: 20 °C;

The wave length of determination: 270 nm.

[Storage]

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

[References]

[1] Liu Z C, Ying X U, Chen S Z. *Chin. Pharm. J.*, 2008, 43(11):848-51.

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