

Ziyuglycoside I Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: Ziyuglycoside I

Catalog No.: CFN98464

Cas No.: 35286-58-9

Purity: > 98%

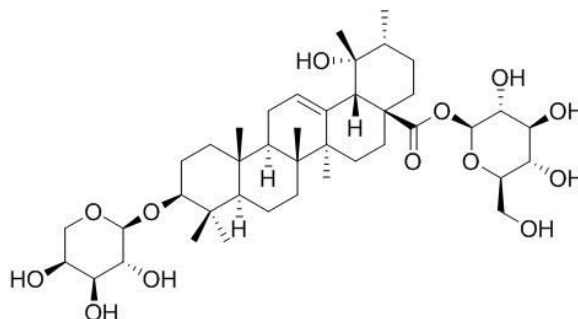
M.F: C₄₁H₆₆O₁₃

M.W: 767.0

Physical Description: Yellow powder

Synonyms: 3-O-alpha-L-Arabinopyranosylpomolic acid beta-D-glucopyranosyl ester;

Kudinoside H.



[Intended Use]

1. Reference standards;
2. Cosmetic research;
3. Pharmacological research;
4. Synthetic precursor compounds;
5. Intermediates & fine chemicals;
6. Others.

[Source]

The roots of *Sanguisorba officinalis*.

[Biological Activity or Inhibitors]

Ziyuglycoside I, isolated from *S. officinalis* root extract, has anti-wrinkle activity, could be used as an active ingredient for cosmetics.^[1]

[Solvent]

Pyridine, Methanol, Ethanol, Hot water, etc.

[HPLC Method]^[2]

HPLC-ELSD:

Mobile phase: Methanol- H₂O=59:41 ;

Flow rate: 1.0 ml/min;

Column temperature: Room Temperature;

Drift tube temperature: 59 °C;

Flow rate of gas : 2.38L/min.

[Storage]

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

[References]

[1] Kim Y H, Chung C B, Kim J G, *et al. Biosci. Biotech. Bioch.*, 2008, 72(2):303-11.

[2] Xie J B ,Bi Z M, Li P. *Pharmaceutical Journal*, 2003, 38(07):534-6.

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