



Deapi-platycoside E Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: Deapi-platycoside E

Catalog No.: CFN92355

Cas No.: 849758-42-5

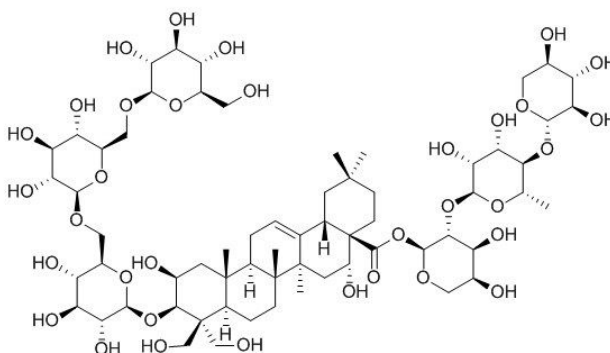
Purity: > 98%

M.F: C₆₄H₁₀₄O₃₄

M.W: 1417.5

Physical Description: Powder

Synonyms:



[Intended Use]

1. Reference standards;
2. Pharmacological research;
3. Food and cosmetic research;
4. Synthetic precursor compounds;
5. Others.

[Source]

The roots of *Platycodon grandiflorum*.

[Biological Activity or Inhibitors]

Deapi-platycoside E may have anti-oxidant and anti-inflammatory activities.^[1,2]

[Solvent]

Pyridine, Methanol, Ethanol, Hot water, etc.

[HPLC Method]^[3]

Mobile phase: Acetonitrile H₂O, gradient elution;

Flow rate: 0.8 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] Ha I J, Ji W C, Ha Y W, *et al. Nat.Prod.Sci.*, 2008, 14(4):274-80.

[2] Chang S R, Kim C H, Sang Y L, *et al. Food Chem.*, 2012, 132(1):333-7.

[3] Wang F, Lu D, Liu Y, *et al. Central South Pharmacy*, 2011, 09(5):329-31.

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