

Platycoside M1 Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: Platycoside M1

Catalog No.: CFN92267

Cas No.: 917482-67-8

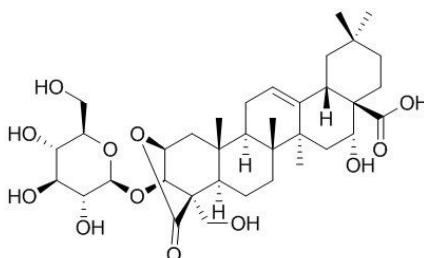
Purity: > 95%

M.F: C₃₆H₅₄O₁₂

M.W: 678.8

Physical Description: Powder

Synonyms:



[Intended Use]

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

[Source]

The roots of *Platycodon grandiflorum*.

[Biological Activity or Inhibitors]

Not data available.

[Solvent]

Pyridine, Methanol, Ethanol, etc.

[HPLC Method]^[1]

HPLC-ELSD:

Mobile phase: 30 mM Acetate orphosphate buffer(pHs of 2.82, 4.41, 6.55, or 8.71)-Methanol-Acetonitrile(A=75:5:20, B= 69:5:26),gradient elution ;

Flow rate: 0.7 ml/min;

Column temperature: 40 °C;

Gas spray nebulizer temperature: 25 °C;

Drift tube andoptical detector temperature: 70 °C;

Gas pressure(N2): 50 psi.

[Storage]

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

[References]

[1] Yoo D S, Choi Y H, Mi R C, *et al. Food Chem.*, 2011, 129(2):645-51.

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