

3'-Methoxydaidzein Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: 3'-Methoxydaidzein

Catalog No.: CFN96186

Cas No.: 21913-98-4

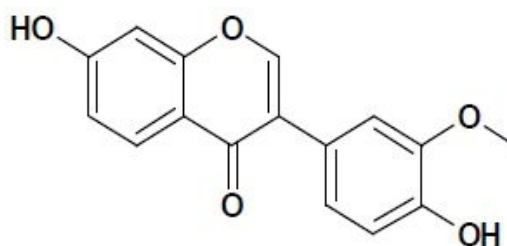
Purity: > 95%

M.F: C₁₆H₁₂O₅

M.W: 284.3

Physical Description: Powder

Synonyms:



[Intended Use]

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

[Source]

The herbs of *Derris robusta*.

[Biological Activity or Inhibitors]

3'-Methoxydaidzein and geraldol have antiplatelet aggregation activity and appear to be

specific against collagen - induce platelet aggregation with a IC₅₀ values of 12.3 and 61.5 uM, respectively.^[1]

3'-Methoxydaidzein has antioxidant activity.^[2]

[Solvent]

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

[HPLC Method]^[3]

Mobile phase: Methanol -H₂O, gradient elution ;

Flow rate: 1.0 ml/min;

Column temperature: Room Temperature;

The wave length of determination: 199 nm.

[Storage]

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

[References]

[1] Shi Y N, Yang L, Zhao J H, *et al. Journal of the Chinese Chemical Society*, 1998, 5(5):206-11.

[2] Wang W, Weng X, Cheng D. *Food Chem.*, 2000, 71(1):45-9.

[3] Liu B, Kongstad K T, Qinglei S, *et al. J. Nat.Prod.*, 2015, 78(2):294-300.

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