

Glutinone Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: Glutinone

Catalog No.: CFN98802

Cas No.: 508-09-8

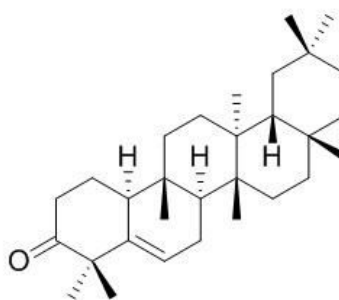
Purity: > 95%

M.F: C₃₀H₄₈O

M.W: 424.7

Physical Description: Powder

Synonyms: 5-Glutinen-3-one; Alnusenone; D:B-Friedoolean-5-en-3-one; Glutine.



[Intended Use]

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

[Source]

The herbs of *Eragrostis ferruginea*.

[Biological Activity or Inhibitors]

Glutinone (IC₅₀=24 microM) shows a significant effect on thromboxane B₂

(TXB2)-release induced by calcium ionophore in human platelets.^[1]

[Solvent]

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

[HPLC Method]^[2]

Mobile phase: Chloroform- Methanol ,gradient elution ;

Flow rate: 5.0 ml/min;

Column temperature: 25 °C;

The wave length of determination: 210 nm.

[Storage]

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

[References]

[1] Bermejo B P, Abad M J, Díaz A M, *et al. Biol. Pharm. Bull.*, 2002, 25(1):1-4.

[2] Chu C J, Li X L, Xia L, *et al. Chinese Traditional & Herbal Drugs*, 2014, 45(4):458-65.

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