



Notoginsenoside Fe Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: Notoginsenoside Fe

Catalog No.: CFN93282

Cas No.: 88105-29-7

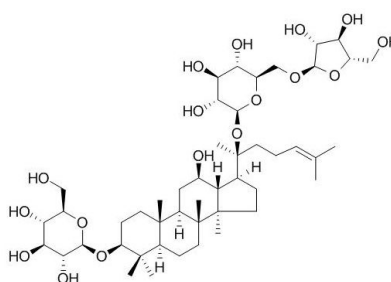
Purity: >=98%

M.F: C₄₇H₈₀O₁₇

M.W: 917.12

Physical Description: Powder

Synonyms: Notoginseng triterpenes.



[Intended Use]

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

[Source]

The roots of *Panax notoginseng*.

[Biological Activity or Inhibitors]

Notoginsenoside-Fe can induce gap junction-mediated intercellular communication (GJIC)

reductions; and gap junctions have been shown or are believed to be involved in the pathogenesis of many inherited and acquired human diseases, agents that regulate the GJIC function may facilitate prevention and treatment of GJIC-involved diseases.^[1]

[Solvent]

Pyridine, Methanol, Ethanol, etc.

[HPLC Method]^[2]

Mobile phase: Acetonitrile-0.05% Phosphoric acid solution ,gradient elution ;

Flow rate: 1.0 ml/min;

Column temperature: 30 °C;

The wave length of determination: 203 nm.

[Storage]

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

[References]

[1] Zhang Y W, Dou D Q, Zhang L, *et al. Planta Med.*, 2001, 67(5):417-22.

[2] Zhang B, Chen X H, Bi K S. *Chinese Journal of Pharmaceutical Analysis*, 2010, 30(2):233-5.

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