



Ginsenoside Rs3 Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: Ginsenoside Rs3

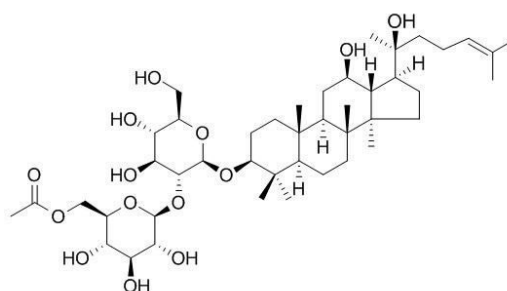
Catalog No.: CFN92813

Cas No.: 194861-70-6

Purity: >=95%

M.F: C₄₄H₇₄O₁₄

M.W: 827.1



Physical Description: Powder

Synonyms: (3beta,12beta)-12,20-Dihydroxydammar-24-en-3-yl-2-O-(6-O-acetyl-beta-D-glucopyranosyl)-beta-D-glucopyranoside; 20S-6"-O-Acetylginsenoside Rg3.

[Intended Use]

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

[Source]

The roots of *Panax ginseng* C. A. Mey.

[Biological Activity or Inhibitors]

Ginsenoside-Rs3, a new diol-type ginseng saponin, can selectively elevate protein levels of p53 and p21WAF1 leading to induction of apoptosis in SK-HEP-1 cells. ^[1]

[Solvent]

Pyridine, Methanol, Ethanol, etc.

[HPLC Method]^[2]

Mobile phase: 5 mM Ammonium acetate aqueous- water- Acetonitrile, gradient elution ;

Flow rate: 1.5 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] Kim S E, Lee Y H, Park J H, *et al. Anticancer Res.*, 1999, 19(1A):487-91.

[2] Qian Z M, Wan J B, Zhang Q W, *et al. J. Pharmaceut. Biomed.*, 2008, 48(5):1361-7.

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