

Angoroside C Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: Angoroside C

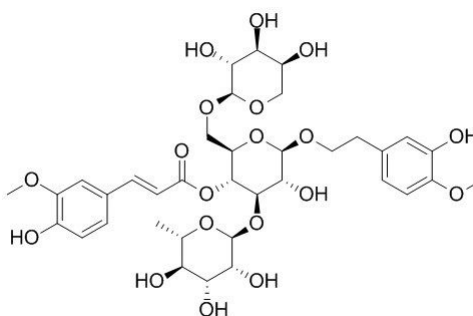
Catalog No.: CFN98149

Cas No.: 115909-22-3

Purity: >=98%

M.F: C₃₆H₄₈O₁₉

M.W: 784.75



Physical Description: White powder

Synonyms: 2-(3-Hydroxy-4-methoxyphenyl)ethyl- α -L-arabinopyranosyl-(1 \rightarrow 6)-[6-deoxy- α -L-talopyranosyl-(1 \rightarrow 3)]-4-O-[(2E)-3-(4-hydroxy-3-methoxyphenyl)prop-2-enoyl]- β -D-glucopyranoside.

[Intended Use]

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

[Source]

The roots of *Scrophularia ningpoensis* Hemsl.

[Biological Activity or Inhibitors]

Angoroside C has beneficial effects against ventricular remodeling, the mechanism is likely to be related to decreasing the level of Ang II, attenuating the mRNA expressions of ET-1 and TGF- β 1.^[1]

Angoroside C has anti-inflammatory effect, it can significantly inhibit LPS-induced PGE(2), NO and TNF-alpha in a concentration-dependent manner.^[2]

Angoroside C exhibits cytotoxic and cytostatic activities against several kinds of cancer cells. ^[3]

[Solvent]

Pyridine, Methanol, Ethanol, etc.

[HPLC Method]^[4]

Mobile phase: Acetonitrile- 0.03% Phosphate acid in water ,gradient elution ;

Flow rate: 1.0 ml/min;

Column temperature: 30 °C;

The wave length of determination: 280 nm.

[Storage]

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

[References]

[1] Wei L G, Chang X C, Xiao Y H, *et al. Phytomedicine*, 2015, 22(7-8):705-12.

[2] Díaz AM, Abad MJ, Fernández L,*et al. Life Sci.* 2004,74(20):2515-26.

[3] Saracoglu I, Calis I, Inoue M, *et al. Fitoterapia*, 1997, 68(5):434-8.

[4] Zhang X, Wang R, An R, *et al. China Journal of Chinese Materia Medica*, 2011, 36(6): 709-11.

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