

Chiisanoside Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: Chiisanoside

Catalog No.: CFN90571

Cas No.: 89354-01-8

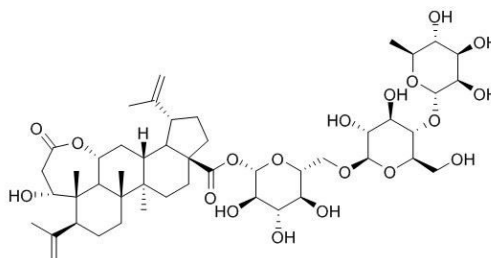
Purity: >=95%

M.F: C₄₈H₇₄O₁₉

M.W: 955.10

Physical Description: White powder

Synonyms:



[Intended Use]

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

[Source]

The herbs of *Acanthopanax brachypus* Harms.

[Biological Activity or Inhibitors]

Chiisanoside, isolated from the leaves of *Acanthopanax chiisanensis* (Araliaceae), has

anti-inflammatory properties by the inhibition of iNOS, COX-2, TNF-alpha and IL-1beta expression through the down-regulation of NF-kappaB binding activity. ^[1]

[Solvent]

Pyridine, Methanol, Ethanol, etc.

[HPLC Method]^[2]

Mobile phase: Acetonitrile- H₂O, gradient elution;

Flow rate: 1.0 ml/min;

Column temperature: Room Temperature;

The wave length of determination: 210 nm.

[Storage]

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

[References]

[1] Won J H, Park S Y, Nam S G, *et al. Biol. Pharmaceut.Bull.*, 2005, 28(10):1919-24.

[2] Jeong M L, Hye M K, Lee S. *Nat.Prod. Sci.*, 2007, 13(2):148-51.

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