

Kalopanaxsaponin H Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: Kalopanaxsaponin H

Catalog No.: CFN90430

Cas No.: 128730-82-5

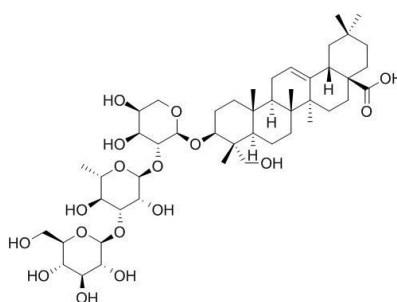
Purity: >=98%

M.F: C₄₇H₇₆O₁₇

M.W: 913.09

Physical Description: Powder

Synonyms: Macranthoside A.



[Intended Use]

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

[Source]

The herbs of *Hedera nepalensis* K. Koch var. *sinensis* (Tobl.) Rehd.

[Biological Activity or Inhibitors]

Kalopanaxsaponin B and H have antidiabetic activity.^[1]

Kalopanaxsaponin B and H show potent antimutagenic activities against aflatoxin B1 (AFB1).^[2]

[Solvent]

Pyridine, Methanol, Ethanol, etc.

[HPLC Method]^[3]

Mobile phase: Acetonitrile- Phosphoric acid-H₂O=45:0.1:55 ;

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] Kim D H, Yu K W, Bae E A, *et al. Biol. Pharmaceut. Bull.*, 1998, 21(4):360-5.

[2] Lee K T, Sohn I C, Park H J, *et al. Planta Med.*, 2000, 66(4):329-32.

[3] Wang J M, Gao H M, Hong Y M, *et al. Chin. Pham. J.*, 2006, 41(16):1212-4.

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