



8-O-Acetylharpagide Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: 8-O-Acetylharpagide

Catalog No.: CFN97181

Cas No.: 6926-14-3

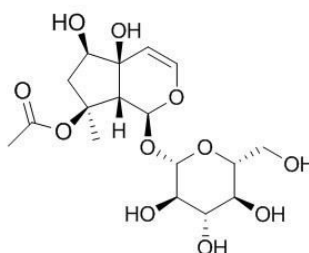
Purity: >=98%

M.F: C₁₇H₂₆O₁₁

M.W: 406.4

Physical Description: Powder

Synonyms: beta-D-Glucopyranoside,(1S,4aS,5R,7S,7aS)-7-(acetyloxy)-1,4a,5,6,7,7a-hexahydro-4a,5-dihydroxy-7-methylcyclopenta[c]pyran-1-yl; Harpagide7-acetate.



[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]

8-O-Acetylharpagide presents the obvious inhibition on Epstein-Barr virus(EBV) infection, it not only apparently inhibits EBV-VCA, but also alleviates the hyperfunction and effusion of capillary permeability at the early inflammation.^[1]

8-O-Acetylharpagide has vasoconstrictor activity.^[2]

[Solvent]

Pyridine, Methanol, Ethanol, etc.

[HPLC Method]^[3]

Mobile phase: Acetonitrile-H₂O, gradient elution ;

Flow rate: 1.0 ml/min;

Column temperature: Room Temperature;

The wave length of determination: 202 nm.

[Storage]

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

[References]

[1] Tian X C, Guo S S, Gao Y J, *et al.* *World Journal of Integrated Traditional & Western Medicine*, 2013, 8(4):351-4.

[2] Breschi M C, Martinotti E, Catalano S, *et al.* *J. Nat. Prod.*, 1992, 55(8):1145-8.

[3] Wang J Y, Yan T, Wang Z M, *et al.* *Chinese Journal of Experimental Traditional Medical Formulae*, 2009, 15(11):26-8.

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