

Sec-O-Glucosylhamaudol Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: Sec-O-Glucosylhamaudol

Catalog No.: CFN99743

Cas No.: 80681-44-3

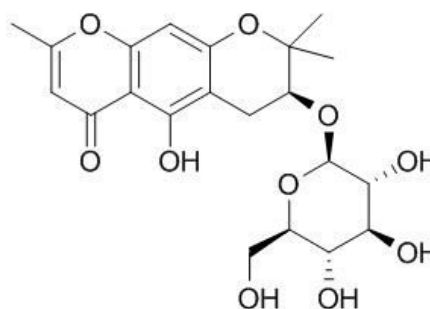
Purity: > 98%

M.F: C₂₁H₂₆O₁₀

M.W: 438.43

Physical Description: Powder

Synonyms:



[Intended Use]

1. Reference standards;
2. Pharmacological research;
3. Food and cosmetic research;
4. Synthetic precursor compounds;
5. Others.

[Source]

The herb of *Ledebouriella seseloides*.

[Biological Activity or Inhibitors]

Sec-O-glucosylhamaudol from *Ledebouriella seseloides*, has anti-inflammatory effect,

it has inhibitory on the expression of NO, IL-6 release and i NOS in lipopolysaccharide-induced macrophage.^[1]

[Solvent]

Pyridine, Methanol, Ethanol, DMSO, etc.

[HPLC Method]^[2]

Mobile phase: Methanol- H₂O gradient elution;

Flow rate: 1.0 ml/min;

Column temperature: 25 °C;

The wave length of determination: 254 nm.

[Storage]

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

[References]

[1] Luo C, Shen L, Lv C. *Chinese Journal of Immunology*, 2015 (11): 1486-9.

[2] Zhao B, Yang X B, Yang X W, *et al. Chinese Journal of Pharmaceutical Analysis*, 2013, 33:382-7.

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