

Lycorenine Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: Lycorenine

Catalog No.: CFN90363

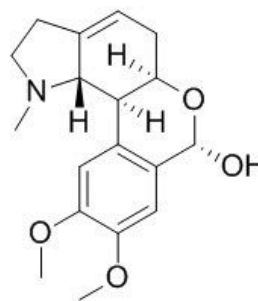
Cas No.: 477-19-0

Purity: >=98%

M.F: C₁₈H₂₃NO₄

M.W: 317.38

Physical Description: Cryst



Synonyms:[2]Benzopyrano[3,4-g]indol-7-ol,1,2,3,5,5a,7,11b,11c-octahydro-9,10-dimethoxy-1-methyl-,(5aR,7S,11bS,11cS)-;ycorenine.

[Intended Use]

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

[Source]

The rhizomes of *Lycoris radiata*.

[Biological Activity or Inhibitors]

Lycorenine derivatives are potential antimalarial agents.^[1]

[Solvent]

Chloroform, Dichloromethane, Ethyl Acetate, DMSO, Acetone, etc.

[HPLC Method]^[2]

Mobile phase: 10 mM Ammonium carbonate - 10% 10 mM Ammonium carbonate in acetonitrile, gradient elution;

Flow rate: 1.0 ml/min;

Column temperature: 40°C;

The wave length of determination: 292 nm.

[Storage]

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

[References]

[1] Cedrón J C, Gutiérrez D, Flores N, *et al. Eur. J. Med. Chem.*, 2013 May; 63: 722-30.

[2] Chun J H, Jang I H, Arasu M V, *et al. J. Agric. Chem. Environ.*, 2013, 02(1): 22-6.

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