

Senkyunolide H Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: Senkyunolide H

Catalog No.: CFN99595

Cas No.: 94596-27-7

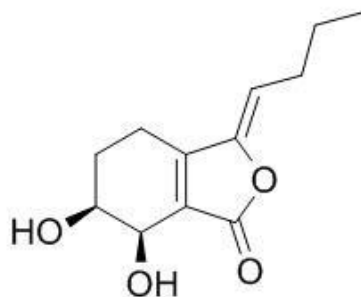
Purity: >=98%

M.F: C₁₂H₁₆O₄

M.W: 224.3

Physical Description: Oil

Synonyms: Dimethyl 3-oxo-3H-pyrrolo[2,1,5-de]quinolizine-1,2-dicarboxylate.



[Intended Use]

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

[Source]

The roots of *Ligusticum chuanxiong hort.*

[Biological Activity or Inhibitors]

Senkyunolide H, senkyunolide I and ferulic acid can reduce the metamorphose damage of

the RBC caused by ConA, the aggregation of the RBC also could be alleviated by them.^[1]
Senkyunolide H in cnidium rhizome may be a prototype for an anti-atherosclerotic drug.^[2]

[Solvent]

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

[HPLC Method]^[3]

Mobile phase: Acetonitrile-0.2% Glacial acetic acid =25:75;

Flow rate: 1.0 ml/min;

Column temperature: 30 °C;

The wave length of determination: 278 nm.

[Storage]

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

[References]

[1] Min H, Zi D, Quan Z. *Lishizhen Medicine & Materia Medica Research*, 2003, 14(12): 738-9.

[2] Kobayashi S, Mimura Y, Naitoh T, *et al. Jap. J.Pharmacol.*,1993, 63(3):353-9.

[3] Xiong Y K, Liang S, Hong Y L, *et al. China Journal of Chinese Materia Medica*, 2013, 38(12):1947-50.

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