

8-Oxyberberine Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: 8-Oxyberberine

Catalog No.: CFN92157

Cas No.: 549-21-3

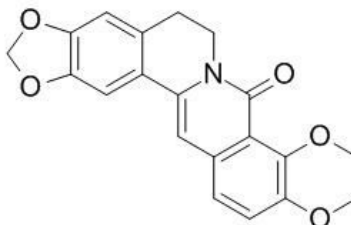
Purity: > 95%

M.F: C₂₀H₁₇NO₅

M.W: 351.36

Physical Description: Powder

Synonyms: 8H-1,3-benzodioxolo[5,6-a]benzo[g]quinolizin-8-one, 5,6-dihydro-9,10-dimethoxy-; 9,10-Dimethoxy-5,6-dihydro-8H-[1,3]dioxolo[4,5-g]isoquino[3,2-a]isoquinolin-8-one.



[Intended Use]

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

[Source]

The herbs of *Mahonia japonica*.

[Biological Activity or Inhibitors]

Not data available.

[Solvent]

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

[HPLC Method]^[1]

Mobile phase: Acetonitrile-30mM Ammonium bicarbonate water containing 0.7% ammonia solution and 0.1% triethylamine, gradient elution ;

Flow rate: 1.0 ml/min;

Column temperature: 35 °C;

The wave length of determination: 275 nm.

[Storage]

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

[References]

[1] Huang P, Qian X, Li J, *et al. J..Chromatogr. Sci.*, 2015, 53(1):73-8.

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