

Canadine Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: Canadine

Catalog No.: CFN98810

Cas No.: 5096-57-1

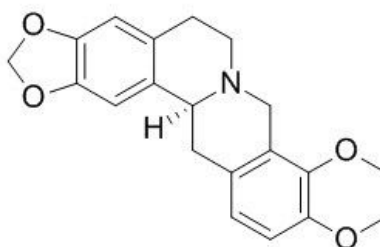
Purity: > 95%

M.F: C₂₀H₂₁NO₄

M.W: 339.39

Physical Description: Powder

Synonyms: (d,l)-tetrahydroberberine; (13aS)-9,10-dimethoxy-5,8,13,13a-tetrahydro-6H-[1,3]dioxolo[4,5-g]isoquino[3,2-a]isoquinoline.



Canadine has antioxidant activities , combined with its low-toxic effect, indicates that the potential of it as a novel class of antioxidant agent .^[1]

[Solvent]

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

[HPLC Method]^[2]

Mobile phase: Methanol -H₂O- Trifluoroacetic acid= 69:31:0.4;

Flow rate: 1.0 ml/min;

Column temperature: 30 °C;

The wave length of determination: 235 nm.

[Storage]

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

[References]

[1] Correché E R, Andujar S A, Kurdelas R R, *et al. Bioorg. Med. Chem.*, 2008, 16(7): 3641-51.

[2] Francisco García Sánchez, Aurora Navas Díaz, Ignacio Medina Lama, *et al. J.Liq. Chromatogr. R. T.*, 2014, 37(1):26-38.

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