[ Product Information ]

Name: Corydalmine
Catalog No.: CFN98384
Cas No.: 30413-84-4
Purity: > 95%
M.F: C_{20}H_{23}NO_{4}
M.W: 341.4
Physical Description: Powder
Synonyms: (-)-Kikemanine;(13aS)-5,8,13,13a-Tetrahydro-2,3,9-trimethoxy-6H-dibenzo[a,g]quinolizin-10-ol;Kikemanin;Kikemanine;Schefferine.

[ Intended Use ]

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

[ Source ]

The bulbs of Corydalis yanhusuo.

[ Biological Activity or Inhibitors ]
1-Corydalmine, an alkaloid isolated from roots of Corydalis chaerophylla, can inhibit spore germination of some plant pathogenic as well as saprophytic fungi e.g. *Alternaria brassicae*, *A. brassicicola*, *A. solani*, *Curvularia lunata*, *C. maculans*, *C. sp.*, *C. pallscens*, *Erysiphe pisi*, *Fusarium udum*, *Helminthosporium* species, *H. pennisetii* and a *Heterosporium* species; it can significantly inhibit spore germination of all the fungi at 100 to 1500 ppm, it is effective against all the fungi at 1500 ppm. C.[1]

l-Corydalmine exhibits potent analgesic activity in preclinical models, it is under development as an oral analgesic agent.[2]

**[ Solvent ]**

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

**[ HPLC Method ]**[3]

Mobile phase: Acetonitrile-Methanol-10mM Ammonium phosphate (pH3) =10:30:60 ;
Flow rate: 0.8 ml/min;
Column temperature: 25 ℃;
The wave length of determination: 230 nm.

**[ Storage ]**

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

**[ References ]**


**[ Contact ]**

Address:  
Email: info@chemfaces.com
S5-3 Building, No. 111, Dongfeng Rd.,
Wuhan Economic and Technological Development Zone,
Wuhan, Hubei 430056,
China

Tel: +86-27-84237783
Fax: +86-27-84254680
Web: www.chemfaces.com
Tech Support: service@chemfaces.com