[Product Information]

Name: Voleneol
Catalog No.: CFN97192
Cas No.: 70389-88-7
Purity: > 95%
M.F: C_{15}H_{26}O_{2}
M.W: 238.4
Physical Description: Powder
Synonyms: 1beta,6alpha-Dihydroxy-4(14)-eudesmene; 1beta,6alpha-Dihydroxyeudesm-4(15)-ene.

[Intended Use]

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

[Source]

The herbs of Curcuma wenyujin.

[Biological Activity or Inhibitors]
1β,6α-Dihydroxyeudesm-4(15)-ene (Voleneol, DE) can attenuate the lipopolysaccharide (LPS)-induced inflammation in BV2 microglial cells, it also can dose-dependently suppress the protein expression of inducible nitric oxide synthase (iNOS) and cyclooxygenase-2 (COX-2), suggest that DE may be a good candidate to regulate LPS-induced inflammatory response.\[^1\]

**[Solvent]**

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

**[HPLC Method]**\[^2\]

Mobile phase: Methanol -H2O, gradient elution ;
Flow rate: 1.0 ml/min;
Column temperature: 30 °C;
The wave length of determination: 254 nm.

**[Storage]**

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

**[References]**


**[Contact]**

Address:  
S5-3 Building, No. 111, Dongfeng Rd., Wuhan Economic and Technological Development Zone, Wuhan, Hubei 430056, China  
Email: info@chemfaces.com  
Tel: +86-27-84237783  
Fax: +86-27-84254680  
Web: www.chemfaces.com  
Tech Support: service@chemfaces.com