[ Product Information ]

Name: Euscaphic acid  
Catalog No.: CFN98888  
Cas No.: 53155-25-2  
Purity: > 98%  
M.F: C_{30}H_{48}O_{5}  
M.W: 488.7  
Physical Description: Powder  
Synonyms: (1R,2R,4aS,6aR,6aS,6bR,8aR,10S,11R,12aR,14bS)-1,10,11-trihydroxy-1,2,6a,6b,9,9,12a-heptamethyl-2,3,4,5,6,6a,7,8,8a,10,11,12,13,14b-tetradecahydropicene-4a-carboxylic acid.

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

[ Source ]
The dried fruit of *Ziziphus jujuba*. 
**[Biological Activity or Inhibitors]**

Euscaphic acid, isolated from roots of *Rosa rugosa*, inhibits LPS-induced inflammatory responses by interference with the clustering of TRAF6 with IRAK1 and TAK1, resulting in blocking the activation of IKK and MAPKs signal transduction to downregulate NF-κB activations.[1]

Euscaphic acid and tormentic acid from the roots of *Rosa rugosa* have inhibitory effect on high fat diet-induced obesity in the rat.[2]

Euscaphic acid has anti-contraction effects on rat's aortic smooth muscle.[3]

**[Solvent]**

Pyridine, DMSO, Chloroform, Dichloromethane, Acetone, etc.

**[HPLC Method]**[4]

Mobile phase: Acetonitrile-0.1% Phosphoric acid H2O=55:45 ;

Flow rate: 1.0 ml/min;

Column temperature: Room Temperature;

The wave length of determination: 207 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