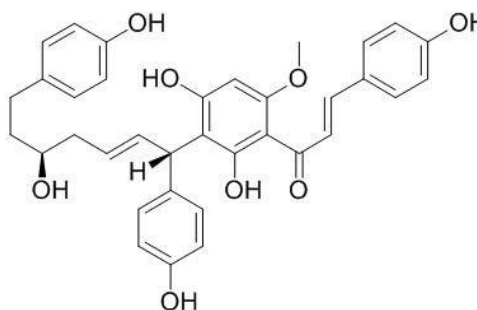


Calyxin B Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: Calyxin B**Catalog No.:** CFN99693**Cas No.:** 164991-53-1**Purity:** > 95%**M.F:** C₃₅H₃₄O₈**M.W:** 582.7**Physical Description:** Yellow powder**Synonyms:** 2-Propen-1-one, 1-[2,4-dihydroxy-3-[(1S,2E,5S)-5-hydroxy-1,7-bis(4-hydroxyphenyl)-2-hepten-1-yl]-6-methoxyphenyl]-3-(4-hydroxyphenyl)-, (2E)-.

[Intended Use]

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

[Source]

The herbs of *Alpinia galanga*.

[Biological Activity or Inhibitors]

Calyxin A, Calyxin B, and 3-Epicalyxin B show a mild 3 α -hydroxysteroid dehydrogenase (3 α -HSD)inhibitory activity.^[1]

[**Solvent**]

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

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

Mobile phase: Methanol -H₂O=70:30 ;

Flow rate: 0.65ml/min;

Column temperature: Room Temperature;

The wave length of determination: 230 nm.

[**Storage**]

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

[**References**]

[1] Kadota S, Hui D, Basnet P, *et al. Chem. Pharm.Bull.*,1994, 42(12):2647-9.

[2] Rui D C, Wang D Z, Li C B. *Acta Botanica Yunnanica*, 1986, 8(2):53-7.

[**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