

Anwulignan Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: Anwulignan

Catalog No.: CFN98539

Cas No.: 107534-93-0

Purity: >=98%

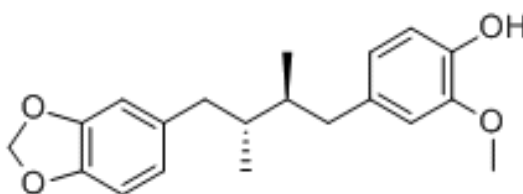
M.F: C₂₀H₂₄O₄

M.W: 328.40

Physical Description: Powder

Synonyms:

4-[(2S,3R)-4-(1,3-benzodioxol-5-yl)-2,3-dimethylbutyl]-2-methoxyphenol; (+)-Anwulignan;
phenol, 4-[(2S,3R)-4-(1,3-benzodioxol-5-yl)-2,3-dimethylbutyl]-2-methoxy-; Macelignan, (+)-



[Intended Use]

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

[Source]

The fruits of *Schisandra sphenanthera*

[Biological Activity or Inhibitors]

(+)-Anwulignan has inhibitory effects on platelets aggregation induced by adenosine diphosphate (ADP) and platelet activating factor(PAF) in vitro.^[1]

[Solvent]

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

[HPLC Method]^[2]

Mobile phase: Acetonitrile- 0.1% Formic acid H₂O, gradient elution ;

Flow rate: 1.0 ml/min;

Column temperature: 35 °C;

The wave length of determination: 230 nm.

[Storage]

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

[References]

[1] Jiang S L, Zhang Y Y, Chen D F. *Journal of Shanghai Medica*, 2005, 32(4):467-70.

[2] Wei H, Sun L, Tai Z, *et al. Anal. Chim. Acta*, 2010, 662(1):97-104.

[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