[ 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 ]


[ Contact ]

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