

Darutigenol Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: Darutigenol

Catalog No.: CFN97006

Cas No.: 5940-00-1

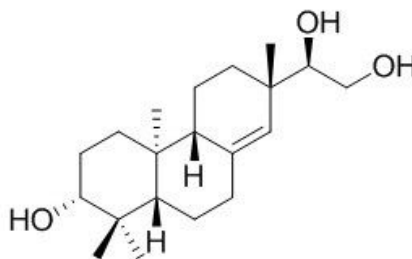
Purity: >=98%

M.F: C₂₀H₃₄O₃

M.W: 322.5

Physical Description: Powder

Synonyms:



[Intended Use]

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

[Source]

The herbs of *Siegesbeckia orientalis*.

[Biological Activity or Inhibitors]

Darutigenol has obvious antithrombotic effect, its mechanism may be related to inhibition

of platelet aggregation and adhesion.^[1]

[Solvent]

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

[HPLC Method]^[2]

Mobile phase: Acetonitrile-H₂O, gradient elution ;

Flow rate: 1.0 ml/min;

Column temperature: 30 °C;

The wave length of determination: 215 nm.

[Storage]

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

[References]

[1] Zhang D W, Li M S, Wang Q, *et al. Chinese Journal of Gerontology*, 2016, 36(17): 4157-8.

[2] Yan D X, Wang Y J, Duan Q, *et al. Chinese Pharmaceutical Journal*, 2010, 45(12): 945-8.

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