

Simiarenol Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: Simiarenol

Catalog No.: CFN99678

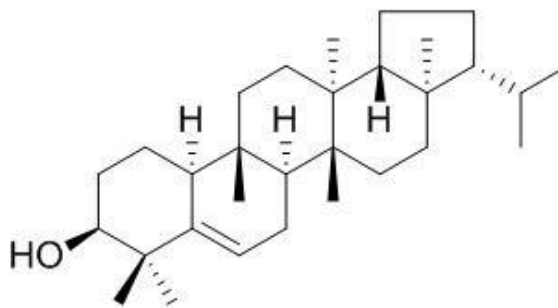
Cas No.: 1615-94-7

Purity: > 95%

M.F: C₃₀H₅₀O

M.W: 426.7

Physical Description: Cryst.



Synonyms: (3R,3aR,5aR,5bS,9S,11aS,11bR,13aS,13bR)-3a,5a,8,8,11b,13a-hexamethyl-3-(propan-2-yl)-2,3,3a,4,5,5a,5b,6,8,9,10,11,11a,11b,12,13,13a,13b-octadecahydro-1H-cyclopenta[a]chrysen-9-ol.

[Intended Use]

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

[Source]

The root of *Rhododendron dauricum* L.

[Biological Activity or Inhibitors]

Simiarenol may have in vitro leishmanicidal activity against *Leishmania donovani* promastigotes.^[1]

[Solvent]

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

[HPLC Method]^[2]

Mobile phase: Methanol -H₂O=60:40 ;

Flow rate: 0.4 ml/min;

Column temperature:Room Temperature;

The wave length of determination: 220 nm.

[Storage]

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

[References]

[1] Amin E, Moawad A, Hassan H. *Saudi Pharmaceutical Journal*, 2016, 82(5):1-5.

[2] Csupor-Löffler B, Hajdú Z, Zupkó I, *et al. Planta Med.*, 2011, 77(11):1183-8.

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