[ Product Information ]

Name: Vomifoliol
Catalog No.: CFN98245
Cas No.: 23526-45-6
Purity: > 98%
M.F: C₁₃H₂₀O₃
M.W: 224.3

Physical Description: Cryst.
Synonyms: (4S)-4-hydroxy-4-[(E,3R)-3-hydroxybut-1-enyl]-3,5,5-trimethyl-1-cyclohex-2-ene.

[ Intended Use ]

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

[ Source ]

The herbs of Vitis vinifera.
[**Biological Activity or Inhibitors**]

Vomifoliol is most likely the immediate precursor of dehydrovomifoliol, because of the organism converted abscisic acid (ABA), to dehydrovomifoliol as the major metabolise, and a cell-free extract exhibits vomifoliol dehydrogenase activity.[1]

Vomifoliol and stigmasterol have anti-proliferative activity on human lung cancer cell lines.[2]

[**Solvent**]

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

[**HPLC Method**][3]

Mobile phase: Methanol-Chloroform, gradient elution;
Flow rate: 1.0 ml/min;
Column temperature: Room Temperature;
The wave length of determination: 245 nm.

[**Storage**]

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

[**References**]


[**Contact**]

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