[Product Information]

Name: Dihydroresveratrol
Catalog No.: CFN98987
Cas No.: 58436-28-5
Purity: > 95%
M.F: C_{14}H_{14}O_{3}
M.W: 230.3
Physical Description: Powder
Synonyms: 5-[2-(4-hydroxyphenyl)ethyl]benzene-1,3-diol; 3,4',5-Trihydroxybibenzyl; 3',4,5'-trihydroxydihydrostilbene.

[Intended Use]

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

[Source]

The roots of Dioscorea bulbifera.

[Biological Activity or Inhibitors]
Dihydro-resveratrol has inhibition in pancreatic oxidative damage, it has therapeutic potential for the management of acute pancreatitis, particularly for patients unresponsive to trans-resveratrol due to the lack of proper microbial strains.[1]

Dihydro-resveratrol can ameliorate acute pancreatitis-associated lung injury via an inhibitory modulation of pro-inflammatory response, which is associated with a suppression of the NF-κB signaling pathway.[2]

**[ Solvent ]**

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

**[ HPLC Method ]**[3]

Mobile phase: Methanol ,gradient elution ;
Flow rate: 1.0 ml/min;
Column temperature: Room Temperature;
The wave length of determination: 276 nm.

**[ Storage ]**

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

**[ References ]**


**[ Contact ]**

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