[ Product Information ]

Name: 3’-Hydroxy Puerarin
Catalog No.: CFN90236
Cas No.: 117076-54-5
Purity: >=98%
M.F: C_{21}H_{20}O_{10}
M.W: 432.38
Physical Description: Powder
Synonyms:

[ Intended Use ]

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

[ Source ]

The roots of Pueraria lobata.

[ Biological Activity or Inhibitors ]

3'-Hydroxy Puerarin can improve the insulin resistance via up-regulating the expression of
PPARγ in 3T3-L1 adipocytes.[1]
3'-Hydroxy puerarin shows marked ONOO−, NO−, total ROS scavenging activities, and weak •O2− scavenging activity, it may have anti-inflammatory and antioxidant activities.[2]

[ Solvent ]
Pyridine, Methanol, Ethanol, etc.

[ HPLC Method ][3]
Mobile phase: 0.5% Acetic acid in acetonitrile-0.5% Acetic acid aqueous solution, gradient elution;
Flow rate: 1.0 ml/min;
Column temperature: 25 ℃;
The wavelength of determination: 250 nm.

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

[ References ]

[ Contact ]
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