[ Product Information ]

Name: 6-Methoxyluteolin  
Catalog No.: CFN92706  
Cas No.: 520-11-6  
Purity: >98%  
M.F: C_{16}H_{12}O_7  
M.W: 316.26

Physical Description: Powder

Synonyms: 4H-1-Benzopyran-4-one, 2-(3,4-dihydroxyphenyl)-5,7-dihydroxy-6-methoxy-; 3',4',5,7-Tetrahydroxy-6-methoxyflavone; Eupafolin; Nepetin.

[ Intended Use ]

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

[ Source ]

The flower of Chrysanthemum zawadskii var. latilobum.

[ Biological Activity or Inhibitors ]
6-Methoxyluteolin, isolated from Chrysanthemum zawadskii, it can inhibit anti-FcεRI Î± chain antibody (CRA-1)-induced histamine release, as well as elevation of intracellular calcium concentration [Ca2+]i in a dose-dependent manner, it is a potent inhibitor of histamine release and calcium influx via down-regulation of the FcεRI Î± chain.[1]

[ Solvent ]
Chloroform, Dichloromethane, Ethyl Acetate, DMSO, Acetone, etc.

[ HPLC Method ][2]
Mobile phase: 0.49% Citric acid in methanol – 0.49% Citric acid in acetonitrile, gradient elution;
Flow rate: 1.0 ml/min;
Column temperature: Room Temperature;
The wave length of determination: 360 nm.

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

[ References ]

[ Contact ]
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