[ Product Information ]

Name: 3',5,5',7-Tetrahydroxy-4',6-dimethoxyflavone
Catalog No.: CFN99369
Cas No.: 125537-92-0
Purity: > 95%
M.F: C_{17}H_{14}O_8
M.W: 416.6

Physical Description: Yellow powder

Synonyms: 2-(3,5-Dihydroxy-4-methoxyphenyl)-5,7-dihydroxy-6-methoxy-4H-chromen-4-one; 5,7,3',5'-Tetrahydroxy-6,4'-dimethoxyflavone.

[ Intended Use ]

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

[ Source ]

The aerial parts of Artemisia salsoloides.

[ Biological Activity or Inhibitors ]
5,7,3',5'-Tetrahydroxy-6,4'-dimethoxyflavone exhibits cytotoxic activity against P-388 cell lines, it can inhibit DNA topoisomerase IIα activity, which may be responsible for the observed cytotoxicity; 5,7,3',5'-tetrahydroxy-6,4'-dimethoxyflavone also exhibits anti-HIV-1 activity in the anti-syncytium assay using (∆Tat/rev)MC99 virus and 1A2 cell line system, it shows considerably activity against HIV-1 reverse transcriptase.[1]

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

[ HPLC Method ]
Not data available.

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

[ References ]

[ Contact ]
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