



CAS Registry Number: 6601-66-7

Molecular Formula: C₁₉H₁₈O₆

Molecular Weight: 342.348

Accurate Mass: 342.11034

Percentage Composition: C 66.66%; H 5.30%; O 28.04%

Biological Source: Isol. from *Citrus* spp.

Physical Description: Needles (MeOH)

Melting Point: Mp 207-208°

References:

- Farkas, L. *et al.*, *Chem. Ber.*, 1974, **107**, 3878, (*synth*)
Combier, H. *et al.*, *CA*, 1975, **83**, 177579, (*uv*)
Gupta, H.C. *et al.*, *Indian J. Chem.*, 1975, **13**, 215, (*Salvitin*)
Markham, K.R. *et al.*, *Phytochemistry*, 1975, **14**, 1093, (*8-glucuronoside*)
Bishara, S.A.R. *et al.*, *CA*, 1976, **85**, 2514, (*Palustaside*)
Chhabra, S.C. *et al.*, *Indian J. Chem., Sect. B*, 1976, **14**, 651, (*4',5,7-Trihydroxy-8-methoxyflavone*)
Komissarenko, N.F. *et al.*, *Khim. Prir. Soedin.*, 1978, **14**, 521; 1980, **16**, 172; *Chem. Nat. Compd. (Engl. Transl.)*, 1978, **14**, 445; 1980, **16**, 128, (*Isostachyflaside*)
Tatum, J.H. *et al.*, *Phytochemistry*, 1978, **17**, 447, (*4',5,7,8-Tetramethoxyflavone*)
Goudard, M. *et al.*, *Phytochemistry*, 1979, **18**, 186, (*ms*)
Inuma, M. *et al.*, *Chem. Pharm. Bull.*, 1980, **28**, 708; 717, (*isol, cmr, ms, deriv*)
Chari, V.M. *et al.*, *Phytochemistry*, 1981, **20**, 1977, (*deriv*)
Savona, G. *et al.*, *Heterocycles*, 1982, **19**, 1581, (*isol*)
Kostyuchenko, O.I. *et al.*, *Khim. Prir. Soedin.*, 1982, **18**, 254; *Chem. Nat. Compd. (Engl. Transl.)*, 1982, **18**, 235, (*Acetylisostachyflasides*)
Tomimori, T. *et al.*, *Yakugaku Zasshi*, 1982, **102**, 388, (*4',5,7-Trihydroxy-8-methoxyflavone*)
Horie, T. *et al.*, *Bull. Chem. Soc. Jpn.*, 1983, **56**, 3773, (*synth*)
Dommissie, R.A. *et al.*, *Bull. Soc. Chim. Belg.*, 1983, 497, (*cmr*)
Reynaud, J. *et al.*, *Pharmazie*, 1983, **38**, 628, (*4',5,7-Trihydroxy-8-methoxyflavone*)
Markham, K.R. *et al.*, *Phytochemistry*, 1983, **22**, 143, (*isol*)
Voirin, B., *Phytochemistry*, 1983, **22**, 2107, (*uv*)
Nakayama, M. *et al.*, *Yakugaku Zasshi*, 1983, **103**, 675, (*5,7-Dihydroxy-4',8-dimethoxyflavone*)
Inuma, M. *et al.*, *Chem. Pharm. Bull.*, 1984, **32**, 1006, (*synth*)
Lenherr, A. *et al.*, *Phytochemistry*, 1984, **23**, 2343, (*deriv*)
Inuma, M. *et al.*, *Yakugaku Zasshi*, 1984, **104**, 691, (*synth, 4',5,7-Trimethoxy-8-methoxyflavone*)
Barberan, F.A.T. *et al.*, *J. Nat. Prod.*, 1985, **48**, 28, (*7-O-allosylglucoside*)
Lenherr, A. *et al.*, *Phytochemistry*, 1987, **26**, 1185, (*7-acetylallosylacetylglucoside*)
Alam, M.S. *et al.*, *Phytochemistry*, 1987, **26**, 1843, (*8-Me ether, 7-neohesperidoside*)
Markham, K.R. *et al.*, *Phytochemistry*, 1988, **27**, 2843; 1990, **29**, 501, (*7-glucoside, 7-xyloside*)
Ramesh, P. *et al.*, *J. Nat. Prod.*, 1995, **58**, 1242, (*5,8-Dihydroxy-4',7-dimethoxyflavone*)
Palomino, O.M. *et al.*, *Phytochemistry*, 1996, **42**, 101, (*7-glucosylxyloside*)
Sharaf, M. *et al.*, *Fitoterapia*, 1998, **69**, 355-357, (*8-coumaroylglucoside*)
Tezuka, Y. *et al.*, *Helv. Chim. Acta*, 1999, **82**, 408-417, (*8-glucuronoside Me ester*)
Kamiya, K. *et al.*, *Phytochemistry*, 2001, **57**, 297-301, (*8-2,4-disulfoglucuronoside*)