
Product Data Sheet

Product Name: 3',4',5',5,7-Pentamethoxyflavone

Cat. No.: GC35100

Chemical Properties

Cas. No. 53350-26-8

SMILES O=C1C=C(C2=CC(OC)=C(OC)C(OC)=C2)OC3=CC(OC)=CC(OC)=C13Formula C₂₀H₂₀O₇ M.Wt 372.37

Solubility Soluble in DMSO Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

3',4',5',5,7-Pentamethoxyflavone, a natural flavonoid extracted from Rutaceae plants, sensitizes chemoresistant cancer cells to chemotherapeutic drugs by inhibition of Nrf2 pathway[1].

[1]. Hou X, et al. 3',4',5',5,7-pentamethoxyflavone sensitizes Cisplatin-resistant A549 cells to Cisplatin by inhibition of Nrf2 pathway. Mol Cells. 2015 May;38(5):396-401.

Caution: Product has not been fully validated for medical applications. For research use only.

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