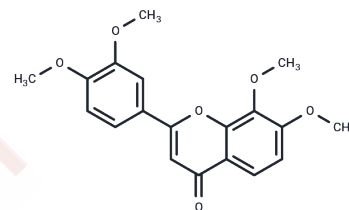


3',4',7,8-Tetramethoxyflavone

Chemical Properties

CAS No. :	65548-55-2
Formula:	C ₁₉ H ₁₈ O ₆
Molecular Weight:	342.34
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	3',4',7,8-Tetramethoxyflavone exhibits inhibitory activity against multiple CYP450 1A2/2C9/2C19 enzymes and can inhibit lipid peroxidation in rat liver microsomes.
Targets(IC50)	Cytochromes P450

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9211 mL	14.6054 mL	29.2107 mL
5 mM	0.5842 mL	2.9211 mL	5.8421 mL
10 mM	0.2921 mL	1.4605 mL	2.9211 mL
50 mM	0.0584 mL	0.2921 mL	0.5842 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Ballesteros JF, et,al. Synthesis and pharmacological evaluation of 2'-hydroxychalcones and flavones as inhibitors of inflammatory mediators generation. J Med Chem. 1995 Jul 7;38(14):2794-7.

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