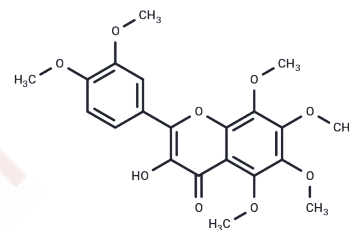


Natsudaïdai

Chemical Properties

CAS No. :	35154-55-3
Formula:	C ₂₁ H ₂₂ O ₉
Molecular Weight:	418.40
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Natsudaïdai is a polymethoxyflavonoid isolated from Citrus species. It reduces the production of tumor necrosis factor- α and cyclooxygenase-2 by inhibiting p38 MAPK phosphorylation in mast cells.
Targets(IC50)	p38 MAPK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3901 mL	11.9503 mL	23.9006 mL
5 mM	0.478 mL	2.3901 mL	4.7801 mL
10 mM	0.239 mL	1.195 mL	2.3901 mL
50 mM	0.0478 mL	0.239 mL	0.478 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

Takuya Matsui, et al. Effect of natsudaïdai isolated from Citrus plants on TNF- α and cyclooxygenase-2 expression in RBL-2H3 cells. Journal of Pharmacy and Pharmacology. 2009, 61, 1.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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