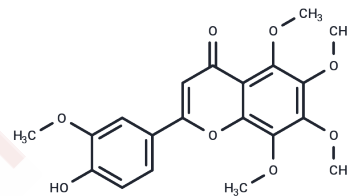


4'-Demethylnobiletin

Chemical Properties

CAS No. :	34810-62-3
Formula:	C ₂₀ H ₂₀ O ₈
Molecular Weight:	388.37
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	4'-Demethylnobiletin, a bioactive metabolite, activates the PKA/ERK/CREB signaling pathway, enhances CRE-mediated transcription in hippocampal neurons, and reverses memory impairment linked to NMDA receptor antagonism through ERK signaling stimulation [1].
Targets(IC50)	ERK,Others,iGluR,PKA

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5749 mL	12.8743 mL	25.7486 mL
5 mM	0.515 mL	2.5749 mL	5.1497 mL
10 mM	0.2575 mL	1.2874 mL	2.5749 mL
50 mM	0.0515 mL	0.2575 mL	0.515 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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