

Tovopyrifolin C

Chemical Properties

CAS No. : 34211-53-5

Formula: C₁₄H₁₀O₆

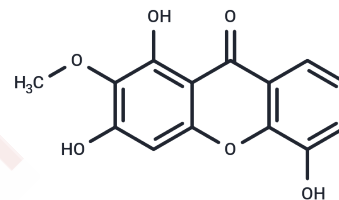
Molecular Weight: 274.23

Storage:

Keep away from direct sunlight, Keep away from moisture, Store at low temperature

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	Tovopyrifolin C is a naturally occurring flavonoid found in a variety of plants that inhibits monoamine oxidase (IC ₅₀ =2.7 μM).
Targets(IC ₅₀)	Monoamine Oxidase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.6466 mL	18.2329 mL	36.4657 mL
5 mM	0.7293 mL	3.6466 mL	7.2931 mL
10 mM	0.3647 mL	1.8233 mL	3.6466 mL
50 mM	0.0729 mL	0.3647 mL	0.7293 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

Cytotoxicity and structure-activity relationships of xanthone derivatives from *Mesua beccariana*, *Mesua ferrea* and *Mesua congestiflora* towards nine human cancer cell lines. *Molecules*. 2013 Feb 4;18(2):1985-94.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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