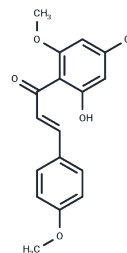


4-O-Methylhelichrysetin

Chemical Properties

CAS No. :	56121-44-9
Formula:	C17H16O5
Molecular Weight:	300.31
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-O-Methylhelichrysetin is a chalcone that can be isolated from plants of the genus Taxus and exhibits growth-inhibitory effects on PC3 and MCF-7 cells, with IC ₅₀ values of 19.3 μM and 17.3 μM, respectively.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3299 mL	16.6495 mL	33.2989 mL
5 mM	0.666 mL	3.3299 mL	6.6598 mL
10 mM	0.333 mL	1.6649 mL	3.3299 mL
50 mM	0.0666 mL	0.333 mL	0.666 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

- Engels NS, et al. Inhibition of Pro-Inflammatory Functions of Human Neutrophils by Constituents of Melodorum fruticosum Leaves. Chem Biodivers. 2018 Nov;15(11):e1800269.
- Aponte JC, et al. Synthesis, cytotoxicity, and anti-Trypanosoma cruzi activity of new chalcones. J Med Chem. 2008; 51(19):6230-6234.

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481