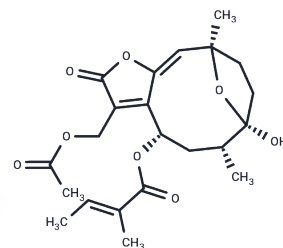


8alpha-Tigloyloxyhirsutinolide 13-O-acetate

Chemical Properties

CAS No. :	83182-58-5
Formula:	C ₂₂ H ₂₈ O ₈
Molecular Weight:	420.45
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	8alpha-Tigloyloxyhirsutinolide 13-O-acetate shows inhibitory activity toward CYP2A6 and MAO-A and MAO-B enzymes. 8alpha-Tigloyloxyhirsutinolide 13-O-acetate has anti-cancer activity, it is active against both cancer cell lines (IC ₅₀ = 3.50 microM for HT29 and IC ₅₀ = 4.27 microM for HepG2).
Targets(IC ₅₀)	Apoptosis,Bcl-2 Family,MAO,Reactive Oxygen Species,STAT,Pyroptosis,c-Myc, Cytochromes P450,NADPH-oxidase,ROS

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3784 mL	11.892 mL	23.784 mL
5 mM	0.4757 mL	2.3784 mL	4.7568 mL
10 mM	0.2378 mL	1.1892 mL	2.3784 mL
50 mM	0.0476 mL	0.2378 mL	0.4757 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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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481