Data Sheet (Cat.No.T83558)

TargetMol

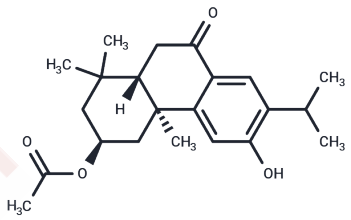
(3S,4aS,10aS)-3-(Acetyloxy)-2,3,4,4a,10,10a-hexahydro-6-hydroxy-1,1,4a-trimethyl-7-(1-methylethyl)-9(1H)-phenanthrenone

Chemical Properties

CAS No. : 878800-84-1

Formula: C22H30O4

Molecular Weight: 358.47



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	(3S,4aS,10aS)-3-(Acetyloxy)-2,3,4,4a,10,10a-hexahydro-6-hydroxy-1,1,4a-trimethyl-7-(1-methylethyl)-9(1H)-phenanthrenone (compound 3), a palmitate derivative extracted from the root of Salvia miltiorrhiza, exhibits anti-cancer properties with DC50s of 25.5 μg/mL against HeLa, 37.5 μg/mL against HepG2, and 30.2 μg/mL against OVCAR-3 human cancer cell lines [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7896 mL	13.9482 mL	27.8963 mL
5 mM	0.5579 mL	2.7896 mL	5.5793 mL
10 mM	0.279 mL	1.3948 mL	2.7896 mL
50 mM	0.0558 mL	0.279 mL	0.5579 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.

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