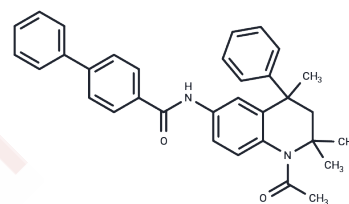


FSH receptor antagonist 1

Chemical Properties

CAS No. : 487064-35-7
 Formula: C33H32N2O2
 Molecular Weight: 488.619
 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	FSH receptor antagonist 1 (compound 10) is a potent antagonist of the G(s) protein-coupled human follicle-stimulating hormone (FSH) receptor. It exhibits an IC50 value of 28 nM in cell lines expressing the human FSH receptor. This compound significantly inhibits follicle growth and ovulation in in vitro mouse models.
Targets(IC50)	Estrogen Receptor/ERR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0466 mL	10.2329 mL	20.4658 mL
5 mM	0.4093 mL	2.0466 mL	4.0932 mL
10 mM	0.2047 mL	1.0233 mL	2.0466 mL
50 mM	0.0409 mL	0.2047 mL	0.4093 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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