

Mitochondria modulator-2

Chemical Properties

CAS No. :

Formula: C63H50F12IrN6OP3

Molecular Weight: 1420.23

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	Mitochondria modulator-2 (Compound Ir1) induces depolarization of the mitochondrial membrane potential, generates reactive oxygen species (ROS), inhibits the migration of A549 cells, causes cell cycle arrest at the G2/M phase, and triggers apoptosis in A549 cells.
Targets(IC50)	Apoptosis,Reactive Oxygen Species,Mitochondrial Metabolism,ROS

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7041 mL	3.5206 mL	7.0411 mL
5 mM	0.1408 mL	0.7041 mL	1.4082 mL
10 mM	0.0704 mL	0.3521 mL	0.7041 mL
50 mM	0.0141 mL	0.0704 mL	0.1408 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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