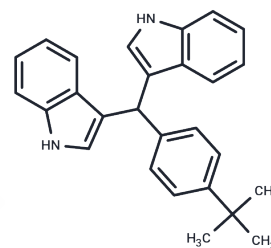


DIM-C-pPhtBu

Chemical Properties

CAS No. :	94944-80-6
Formula:	C ₂₇ H ₂₆ N ₂
Molecular Weight:	378.509
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	DIM-C-pPhtBu is an orally active endoplasmic reticulum stress activator. It induces mitochondrial and lysosomal dysfunction, excessive mitosis, ROS production, and cell death mediated by the unfolded protein response in cervical cancer cells. DIM-C-pPhtBu exhibits antitumor activity.
Targets(IC50)	Reactive Oxygen Species

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6419 mL	13.2097 mL	26.4194 mL
5 mM	0.5284 mL	2.6419 mL	5.2839 mL
10 mM	0.2642 mL	1.321 mL	2.6419 mL
50 mM	0.0528 mL	0.2642 mL	0.5284 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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