

PSDalpha

Chemical Properties

CAS No. :

Formula: C44H39N3O2S

Molecular Weight: 673.86

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	PSDalpha, an ER α degrader consisting of a photosensitizer (PS), triphenylamine benzothiadiazole (TB), and 17 β -estradiol connected via an acetylene bond, demonstrates superior anti-proliferative effects on MCF-7 cells. Its peak absorption wavelength in the visible region is 465 nm [1].
Targets(IC50)	Estrogen Receptor/ERR,Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.484 mL	7.4199 mL	14.8399 mL
5 mM	0.2968 mL	1.484 mL	2.968 mL
10 mM	0.1484 mL	0.742 mL	1.484 mL
50 mM	0.0297 mL	0.1484 mL	0.2968 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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