

Antitumor photosensitizer-3

Chemical Properties

CAS No. :

Formula: C48H34N4O4

Molecular Weight: 730.81

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	Antitumor Photosensitizer-3 (Compound I), a chlorin derivative, effectively induces apoptosis and necrosis in tumor cells upon exposure to 650 nm laser irradiation. This compound demonstrates reduced skin phototoxicity compared to the positive reference m-THPC in vivo [1].
Targets(IC50)	Others,Necroptosis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3683 mL	6.8417 mL	13.6834 mL
5 mM	0.2737 mL	1.3683 mL	2.7367 mL
10 mM	0.1368 mL	0.6842 mL	1.3683 mL
50 mM	0.0274 mL	0.1368 mL	0.2737 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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