

## Type-I/-II Photosensitizer-1

## Chemical Properties

CAS No. :

Formula: C60H48F12N8P2Ru

Molecular Weight: 1272.07

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	Type-I/-II Photosensitizer-1 (compound 8b) is a photosensitizer with anticancer properties. It exhibits significant phototoxicity against A549 and 4T1 tumor cells. Under laser irradiation, Type-I/-II Photosensitizer-1 demonstrates strong oxygen-independent antitumor activity with an IC50 ranging from 1.50 to 1.76 $\mu$ M.
Targets(IC50)	Photosensitizer

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7861 mL	3.9306 mL	7.8612 mL
5 mM	0.1572 mL	0.7861 mL	1.5722 mL
10 mM	0.0786 mL	0.3931 mL	0.7861 mL
50 mM	0.0157 mL	0.0786 mL	0.1572 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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