

## Antitumor photosensitizer-8

## Chemical Properties

CAS No. :

Formula: C52H34N4O6

Molecular Weight: 810.85

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 agent-187 (compound I3), a photosensitizer derived from 5,15-diarylporphyrin, exhibits anticancer activity with a peak absorption wavelength of ~668 nm. This compound induces apoptosis and is applicable in photodynamic therapy (PDP). It selectively accumulates in tumor sites and possesses real-time fluorescence imaging capabilities.
Targets(IC50)	Apoptosis

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2333 mL	6.1664 mL	12.3327 mL
5 mM	0.2467 mL	1.2333 mL	2.4665 mL
10 mM	0.1233 mL	0.6166 mL	1.2333 mL
50 mM	0.0247 mL	0.1233 mL	0.2467 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.

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