

Antitumor photosensitizer-7

Chemical Properties

CAS No. :

Formula: C₂₃H₂₀N₂O₃

Molecular Weight: 372.42

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-7 (compound 15), a photosensitizer possessing anti-cancer properties, demonstrates substantial cytotoxic effects on the G361 melanoma cell line when exposed to 414 nm blue light irradiation.
Targets(IC50)	Others,Photosensitizer

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6851 mL	13.4257 mL	26.8514 mL
5 mM	0.537 mL	2.6851 mL	5.3703 mL
10 mM	0.2685 mL	1.3426 mL	2.6851 mL
50 mM	0.0537 mL	0.2685 mL	0.537 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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