

## Photosensitizer-3

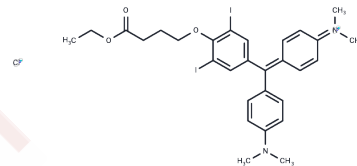
## Chemical Properties

CAS No. : 1928742-39-5

Formula: C<sub>29</sub>H<sub>33</sub>ClI<sub>2</sub>N<sub>2</sub>O<sub>3</sub>

Molecular Weight: 746.85

Storage: Store at low temperature, Keep away from moisture,  
Keep away from direct sunlight  
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	Photosensitizer-3, a photosensitizer that generates single-linear oxygen upon near-infrared light excitation in combination with FAP, exhibited potent and selective killing of transfected HEK cells and affibody-targeted A431 cancer cells.
Targets(IC50)	Others,Photosensitizer

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.339 mL	6.6948 mL	13.3896 mL
5 mM	0.2678 mL	1.339 mL	2.6779 mL
10 mM	0.1339 mL	0.6695 mL	1.339 mL
50 mM	0.0268 mL	0.1339 mL	0.2678 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.

## Reference

Ishida F, Onishi R, Takahashi D, Toshima K. A novel photosensitizer based on hypocrellin B activated by cysteine over-expressed in cancer cells. *Org Biomol Chem*. 2024 Sep 11;22(35):7187-7193.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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