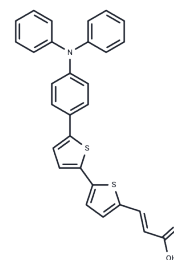


## Photosensitizer-2

## Chemical Properties

CAS No. :	2138330-43-3
Formula:	C <sub>29</sub> H <sub>21</sub> NO <sub>2</sub> S <sub>2</sub>
Molecular Weight:	479.61
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	Photosensitizer-2 (compound 1), an organic D-π-A sensitizer, exhibits antitumor properties and potent phototoxicity due to an acrylic acid moiety. It demonstrates significant activity against HeLa cells, with IC <sub>50</sub> values of 20.9 ± 4.5 μM (dark) and 0.046 ± 0.012 μM (irradiation) [1].
Targets(IC <sub>50</sub> )	Others,Photosensitizer

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.085 mL	10.4251 mL	20.8503 mL
5 mM	0.417 mL	2.085 mL	4.1701 mL
10 mM	0.2085 mL	1.0425 mL	2.085 mL
50 mM	0.0417 mL	0.2085 mL	0.417 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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