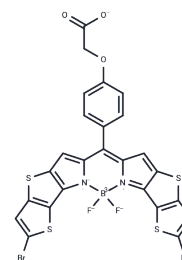


## Antitumor agent-126

## Chemical Properties

CAS No. :	3014356-10-3
Formula:	C <sub>25</sub> H <sub>10</sub> Br <sub>2</sub> F <sub>2</sub> N <sub>2</sub> O <sub>3</sub> S <sub>4</sub>
Molecular Weight:	723.23
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-126 (Compound II4) is a photoreactive anticancer compound (IC <sub>50</sub> = 0.149) that exhibits significant near-infrared fluorescence emission at 650-760 nm. It demonstrates antiproliferative activity and induces apoptosis upon laser irradiation. This compound effectively inhibits tumor growth in mouse xenograft models when exposed to 650 nm laser light, making it valuable for cancer research.
Targets(IC <sub>50</sub> )	Apoptosis

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3827 mL	6.9134 mL	13.8269 mL
5 mM	0.2765 mL	1.3827 mL	2.7654 mL
10 mM	0.1383 mL	0.6913 mL	1.3827 mL
50 mM	0.0277 mL	0.1383 mL	0.2765 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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