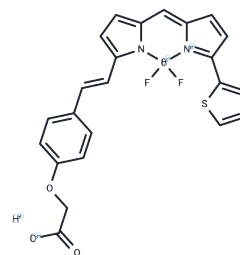


## BDP 630/650 carboxylic acid

## Chemical Properties

CAS No. :	2183512-02-7
Formula:	C <sub>23</sub> H <sub>17</sub> BF <sub>2</sub> N <sub>2</sub> O <sub>3</sub> S
Molecular Weight:	450.27
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	BDP 630/650 carboxylic acid, a bright far-red fluorophore based on a borondipyrromethene scaffold, contains a carboxylic acid linker. It can react with primary amine groups to form a stable amide bond. ( $\lambda_{ex} = 630 \text{ nm}$ , $\lambda_{em} = 650 \text{ nm}$ ) [1] [2].
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2209 mL	11.1044 mL	22.2089 mL
5 mM	0.4442 mL	2.2209 mL	4.4418 mL
10 mM	0.2221 mL	1.1104 mL	2.2209 mL
50 mM	0.0444 mL	0.2221 mL	0.4442 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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