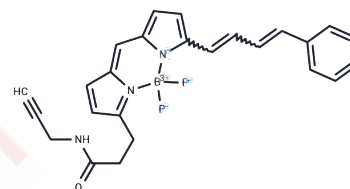


## BDP 581/591 alkyne

## Chemical Properties

|                   |   |
|-------------------|---|
| CAS No. :         | 2006345-34-0  |
| Formula:          | C <sub>25</sub> H <sub>22</sub> BF <sub>2</sub> N <sub>3</sub> O  |
| Molecular Weight: | 429.27  |
| Storage:          | Powder: -20°C for 3 years   In solvent: -80°C for 1 year<br>Actual storage temperature shall be subject to the COA. |



## Biological Description

|               |   |
|---------------|---|
| Description   | BDP 581/591 alkyne, a moderately hydrophobic borondipyrromethene fluorophore, is designed for specialized applications requiring specific fluorescent properties. |
| Targets(IC50) | Others  |

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 2.3295 mL | 11.6477 mL | 23.2954 mL |
| 5 mM  | 0.4659 mL | 2.3295 mL  | 4.6591 mL  |
| 10 mM | 0.233 mL  | 1.1648 mL  | 2.3295 mL  |
| 50 mM | 0.0466 mL | 0.233 mL   | 0.4659 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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