

Py-BODIPY (4 Position)

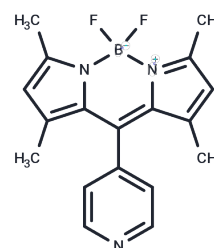
Chemical Properties

CAS No. : 1134484-25-5

Formula: C₁₈H₁₈BF₂N₃

Molecular Weight: 325.16

Storage: 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 | Py-BODIPY is a type of fluorescent dye based on the boron-dipyrromethene (BODIPY) structure that incorporates a pyridine (Py) group. The presence of the pyridine group may enhance the dye's ability to interact with biomolecules or other substrates, thereby broadening its application potential in areas such as biological labeling, bioimaging, and chemical sensing. Ex/Em(nm)=508/517. |
| Targets(IC50) | Others |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|------------|
| 1 mM | 3.0754 mL | 15.377 mL | 30.7541 mL |
| 5 mM | 0.6151 mL | 3.0754 mL | 6.1508 mL |
| 10 mM | 0.3075 mL | 1.5377 mL | 3.0754 mL |
| 50 mM | 0.0615 mL | 0.3075 mL | 0.6151 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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