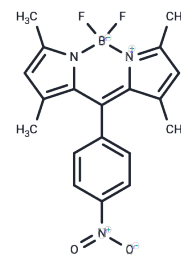


## 8-(4-Nitrophenyl) BODIPY

### Chemical Properties

|                   |  |
|-------------------|--|
| CAS No. :         | 321895-92-5  |
| Formula:          | C <sub>19</sub> H <sub>18</sub> BF <sub>2</sub> N <sub>3</sub> O <sub>2</sub>  |
| Molecular Weight: | 369.17   |
| Storage:          | Keep away from direct sunlight<br>Powder: -20°C for 3 years   In solvent: -80°C for 1 year<br><small>Actual storage temperature shall be subject to the COA.</small> |



### Biological Description

|               |   |
|---------------|---|
| Description   | 8-(4-Nitrophenyl) BODIPY displays specific reactive properties due to its fluoroboron pyrrole structure and the 4-nitrophenyl segment, both of which can engage in various chemical reactions. For instance, under certain conditions, the nitro group can be reduced to an amino group, among other functional groups, while the boron atom and the pyrrole ring in the fluoroboron pyrrole structure can also react with some nucleophiles. |
| Targets(IC50) | Others  |

### Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 2.7088 mL | 13.5439 mL | 27.0878 mL |
| 5 mM  | 0.5418 mL | 2.7088 mL  | 5.4176 mL  |
| 10 mM | 0.2709 mL | 1.3544 mL  | 2.7088 mL  |
| 50 mM | 0.0542 mL | 0.2709 mL  | 0.5418 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**

**This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use**

Tel: 781-999-4286 E\_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481