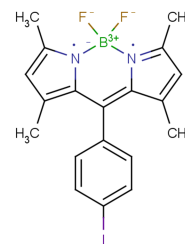


## 8-(4-iodophenyl)-1,3,5,7-tetramethyl BODIPY

### Chemical Properties

|                   |                                                                                            |
|-------------------|--------------------------------------------------------------------------------------------|
| CAS No. :         | 250734-47-5                                                                                |
| Formula:          | C <sub>19</sub> H <sub>18</sub> BF <sub>2</sub> IN <sub>2</sub>                            |
| Molecular Weight: | 450.07                                                                                     |
| Appearance:       | no data available                                                                          |
| Storage:          | keep away from direct sunlight<br>Powder: -20°C for 3 years   In solvent: -80°C for 1 year |



### Biological Description

|             |                                                                                                                  |
|-------------|------------------------------------------------------------------------------------------------------------------|
| Description | 8-(4-iodophenyl)-1,3,5,7-tetramethyl BODIPY is a novel BODIPY fluorescent dye for the treatment of cytotoxicity. |
|-------------|------------------------------------------------------------------------------------------------------------------|

### Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 2.2219 mL | 11.1094 mL | 22.2188 mL |
| 5 mM  | 0.4444 mL | 2.2219 mL  | 4.4438 mL  |
| 10 mM | 0.2222 mL | 1.1109 mL  | 2.2219 mL  |
| 50 mM | 0.0444 mL | 0.2222 mL  | 0.4444 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.

### Reference

Lim S H, et al. In vitro and in vivo photocytotoxicity of boron dipyrromethene derivatives for photodynamic therapy. Journal of medicinal chemistry, 2010, 53(7): 2865-2874.

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