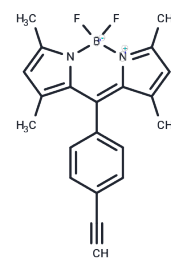


## 8-(4-ethynylphenyl)-1,3,5,7-tetramethyl BODIPY

### Chemical Properties

CAS No. :	628729-80-6
Formula:	C <sub>21</sub> H <sub>19</sub> BF <sub>2</sub> N <sub>2</sub>
Molecular Weight:	348.2
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



### Biological Description

Description	8-(4-ethynylphenyl)-1,3,5,7-tetramethyl BODIPY is an organic fluorescent dye characterized by an ethynylphenyl group at the 8-position of the boron dipyrromethene (BODIPY) structure and methyl substituents at the 1, 3, 5, and 7 positions. It boasts a high fluorescence quantum yield and specific chemical properties, making it useful for applications such as fluorescence imaging.
Targets(IC50)	Others

### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8719 mL	14.3596 mL	28.7191 mL
5 mM	0.5744 mL	2.8719 mL	5.7438 mL
10 mM	0.2872 mL	1.436 mL	2.8719 mL
50 mM	0.0574 mL	0.2872 mL	0.5744 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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