

## BODIPY 630/650X

## Chemical Properties

CAS No. : 380367-48-6

Formula: C<sub>33</sub>H<sub>31</sub>BF<sub>2</sub>N<sub>4</sub>O<sub>6</sub>S

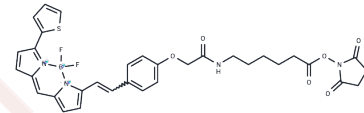
Molecular Weight: 660.5

Keep away from moisture, Keep away from direct sunlight

Storage:

Store at -20°C

Actual storage temperature shall be subject to the COA.



## Biological Description

|               |   |
|---------------|---|
| Description   | BODIPY 630/650X is a fluorescently labeled conjugate of the adenosine receptor ligand N-ethylcarboxamido-adenosine (NECA), which exhibits distinct excitation and emission maxima at approximately 630 nanometers and 650 nanometers, respectively, making it a valuable tool for fluorescence-based assays and imaging studies targeting adenosine receptor activity and distribution. |
| Targets(IC50) | Others  |

## Preparing Stock Solutions

|       | 1mg       | 5mg       | 10mg      |
|-------|-----------|-----------|-----------|
| 1 mM  | 1.514 mL  | 7.570 mL  | 15.140 mL |
| 5 mM  | 0.3028 mL | 1.514 mL  | 3.028 mL  |
| 10 mM | 0.1514 mL | 0.757 mL  | 1.514 mL  |
| 50 mM | 0.0303 mL | 0.1514 mL | 0.3028 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.

## Reference

Dale C L , et al. New potent, short-linker BODIPY-630/650™ labelled fluorescent adenosine receptor agonists. Med. chem.commun, 2012, 3.

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