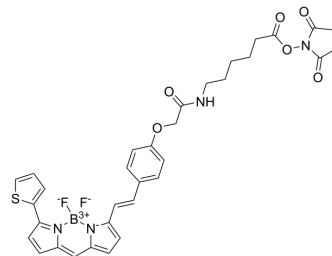


BODIPY 630/650X

Cat. No.:	HY-110213
CAS No.:	380367-48-6
Molecular Formula:	C ₃₃ H ₃₁ BF ₂ N ₄ O ₆ S
Molecular Weight:	660.5
Target:	Fluorescent Dye
Pathway:	Others
Storage:	4°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 50 mg/mL (75.70 mM; Need ultrasonic)																			
Preparing Stock Solutions	<table border="1"> <thead> <tr> <th rowspan="2">Solvent Concentration</th> <th colspan="3">Mass</th> </tr> <tr> <th>1 mg</th> <th>5 mg</th> <th>10 mg</th> </tr> </thead> <tbody> <tr> <td>1 mM</td> <td>1.5140 mL</td> <td>7.5700 mL</td> <td>15.1400 mL</td> </tr> <tr> <td>5 mM</td> <td>0.3028 mL</td> <td>1.5140 mL</td> <td>3.0280 mL</td> </tr> <tr> <td>10 mM</td> <td>0.1514 mL</td> <td>0.7570 mL</td> <td>1.5140 mL</td> </tr> </tbody> </table>	Solvent Concentration	Mass			1 mg	5 mg	10 mg	1 mM	1.5140 mL	7.5700 mL	15.1400 mL	5 mM	0.3028 mL	1.5140 mL	3.0280 mL	10 mM	0.1514 mL	0.7570 mL	1.5140 mL
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Please refer to the solubility information to select the appropriate solvent.																				
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 1.25 mg/mL (1.89 mM); Clear solution																			

BIOLOGICAL ACTIVITY

Description	BODIPY 630/650X is a fluorescent conjugate of the adenosine receptor ligand N-ethylcarboxamido-adenosine (NECA). BODIPY 630/650X displays excitation/emission maxima of 630/650 nm, respectively ^[1] .
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REFERENCES

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

Caution: Product has not been fully validated for medical applications. For research use only.

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