



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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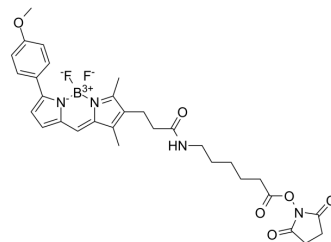
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## BODIPY TMR-X SE

<b>Cat. No.:</b>	HY-110211
<b>CAS No.:</b>	217190-15-3
<b>Molecular Formula:</b>	C <sub>31</sub> H <sub>35</sub> BF <sub>2</sub> N <sub>4</sub> O <sub>6</sub>
<b>Molecular Weight:</b>	608.44
<b>Target:</b>	Fluorescent Dye
<b>Pathway:</b>	Others
<b>Storage:</b>	-20°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 : 125 mg/mL (205.44 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	1.6435 mL	8.2177 mL	16.4355 mL
5 mM	0.3287 mL	1.6435 mL	3.2871 mL
10 mM	0.1644 mL	0.8218 mL	1.6435 mL

Please refer to the solubility information to select the appropriate solvent.

### BIOLOGICAL ACTIVITY

#### Description

BODIPY TMR-X SE is a potent fluorescent dye. BODIPY TMR-X SE can be used to label the primary amines (R-NH<sub>2</sub>) of proteins, amine-modified oligonucleotides, and other amine-containing molecules. BODIPY TR-X binds to protein or antibody and has bright, orange fluorescent light. ( $\lambda_{ex}$ =544 nm,  $\lambda_{em}$ =570 nm)<sup>[1][2]</sup>.

### REFERENCES

[1]. Boersma MD, et, al. Hydrophile scanning as a complement to alanine scanning for exploring and manipulating protein-protein recognition: application to the Bim BH3 domain. Protein Sci. 2008 Jul;17(7):1232-40.

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

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