



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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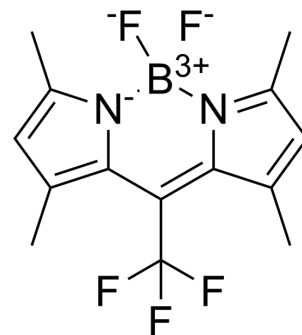
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## meso-CF3-BODIPY 2

Cat. No.:	HY-D1299
CAS No.:	1642327-22-7
Molecular Formula:	C <sub>14</sub> H <sub>14</sub> BF <sub>5</sub> N <sub>2</sub>
Molecular Weight:	316.08
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	meso-CF3-BODIPY 2 (CF3-substituted Tetramethyl BODIPY) is a fluorescent dye with the absorption wavelength ( $\lambda_{abs}$ ) of 553 nm and emission wavelength ( $\lambda_{em}$ ) of 622 nm. meso-CF3-BODIPY 2 can be used in labeling reagents and photodynamic therapy <sup>[1][2]</sup> .
<b>In Vitro</b>	meso-CF3-BODIPY 2 have significant utility in a variety of applications, such as labeling reagents, organic photovoltaics, organic light-emitting diodes, photodynamic therapy <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

- [1]. Sun Y, et, al. Thieno[3,2-b]thiophene fused BODIPYs: synthesis, near-infrared luminescence and photosensitive properties. *Organic & Biomolecular Chemistry*. 2019; 17(14): 3617-3622.
- [2]. Jiang XD, et, al. Synthesis of meso-CF3-Substituted BODIPY Compounds with Redshifted Absorption. *European Journal of Organic Chemistry*. 2017 Sep 15; 2017(34): 5074-5079.

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

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