



# 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

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

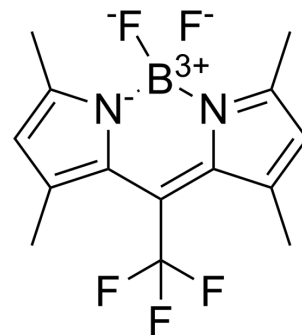
[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

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## meso-CF3-BODIPY 2

|                           |   |
|---------------------------|---|
| <b>Cat. No.:</b>          | HY-D1299  |
| <b>CAS No.:</b>           | 1642327-22-7  |
| <b>Molecular Formula:</b> | C <sub>14</sub> H <sub>14</sub> BF <sub>5</sub> N <sub>2</sub>                            |
| <b>Molecular Weight:</b>  | 316.08  |
| <b>Target:</b>            | Fluorescent Dye   |
| <b>Pathway:</b>           | Others  |
| <b>Storage:</b>           | 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> .<br>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.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA