



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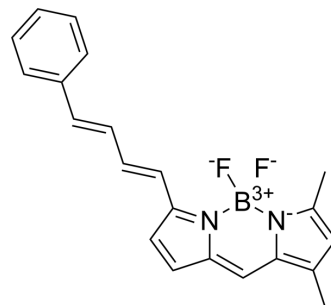
[www.szabo-scandic.com](http://www.szabo-scandic.com)

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## PBD-BODIPY

|                    |                                                                                           |
|--------------------|-------------------------------------------------------------------------------------------|
| Cat. No.:          | HY-138241                                                                                 |
| CAS No.:           | 148185-52-8                                                                               |
| Molecular Formula: | C <sub>21</sub> H <sub>19</sub> BF <sub>2</sub> N <sub>2</sub>                            |
| Molecular Weight:  | 348.2                                                                                     |
| Target:            | Fluorescent Dye                                                                           |
| Pathway:           | Others                                                                                    |
| Storage:           | Please store the product under the recommended conditions in the Certificate of Analysis. |



## BIOLOGICAL ACTIVITY

### Description

PBD-BODIPY is a probe for the spectrophotometric measurement of autoxidation reactions. Co-autoxidation of the PBD-BODIPY signal carrier and a hydrocarbon co-substrate can be quantified by monitoring loss of absorbance at 591 nm. PBD-BODIPY has been used to measure the activity of radical-trapping antioxidants in cell-free assays. It has also been used as a fluorescent probe for the detection of epoxidation activity.

## REFERENCES

[1]. Haidasz, et al. A continuous visible light spectrophotometric approach to accurately determine the reactivity of radical-trapping antioxidants. J. Org. Chem. 81(3), 737-744 (2016).

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

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