



# 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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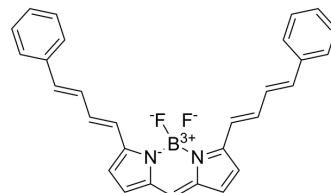
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## BODIPY 665/676

Cat. No.:	HY-D1459
CAS No.:	164106-16-5
Molecular Formula:	C <sub>29</sub> H <sub>23</sub> BF <sub>2</sub> N <sub>2</sub>
Molecular Weight:	448.31
Target:	Fluorescent Dye
Pathway:	Others
Storage:	-20°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 50 mg/mL (111.53 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.2306 mL	11.1530 mL	22.3060 mL
	5 mM	0.4461 mL	2.2306 mL	4.4612 mL
	10 mM	0.2231 mL	1.1153 mL	2.2306 mL

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

### BIOLOGICAL ACTIVITY

#### Description

BODIPY 665/676 is a lipophilic radical-sensitive fluorescent probe that can be used to study radical-driven lipid autoxidation [1].

### REFERENCES

[1]. Piret Raudsepp, et al. Evidence for transfer of radicals between oil-in-water emulsion droplets as detected by the probe (E,E)-3,5-bis(4-phenyl-1,3-butadienyl)-4,4-difluoro-4-bora-3a,4a-diaza-s-indacene, BODIPY(665/676.). J Agric Food Chem. 2014 Dec 24;62

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

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