



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

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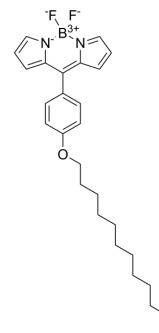
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BODIPY-C12

Cat. No.:	HY-D1553
CAS No.:	1029138-21-3
Molecular Formula:	C ₂₇ H ₃₅ BF ₂ N ₂ O
Molecular Weight:	452.39
Target:	Fluorescent Dye
Pathway:	Others
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 25 mg/mL (55.26 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	2.2105 mL	11.0524 mL	22.1048 mL
	5 mM	0.4421 mL	2.2105 mL	4.4210 mL
	10 mM	0.2210 mL	1.1052 mL	2.2105 mL

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

BIOLOGICAL ACTIVITY

Description

BODIPY-C12 is a boron-dipyrromethene derivative containing a lipophilic tail (excitation 490 nm). BODIPY-C12 is a hydrophobic molecular and sensitivity to the surrounding environment and can be used for quantify viscosity^[1].

REFERENCES

[1]. Ekaterina Lisitsyna, et al. Deciphering Multiple Critical Parameters of Polymeric Self-Assembly by Fluorescence Spectroscopy of a Single Molecular Rotor BODIPY-C12. *Macromolecules* 2021, 54, 2, 655–664.

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

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