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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BODIPY-FL NHS ester

Cat. No.: HY-110210

CAS No.: 146616-66-2

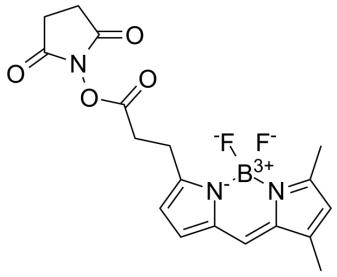
Molecular Formula: $C_{18}H_{18}BF_2N_3O_4$

Molecular Weight: 389.16

Target: Fluorescent Dye

Pathway: Others

Storage: -20°C, sealed storage, away from moisture and light
* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 125 mg/mL (321.20 mM; Need ultrasonic)

Preparing Stock Solutions	Mass / Solvent / Concentration	1 mg	5 mg	10 mg
	1 mM	2.5696 mL	12.8482 mL	25.6964 mL
	5 mM	0.5139 mL	2.5696 mL	5.1393 mL
	10 mM	0.2570 mL	1.2848 mL	2.5696 mL

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

BIOLOGICAL ACTIVITY

Description

BODIPY-FL NHS ester (BODIPY FL, SE) is an amine-reactive fluorescent probe. The maximum excitation/emission values are 502/511 nm. BODIPY-FL NHS ester can be used to synthesize protease substrates[1][2].

REFERENCES

[1]. D'Amore C, et al. Synthesis and Biological Characterization of a New Norbormide Derived Bodipy FL-Conjugated Fluorescent Probe for Cell Imaging. Front Pharmacol. 2018 Sep 25;9:1055.

[2]. ones LJ, et al. Quenched BODIPY dye-labeled casein substrates for the assay of protease activity by direct fluorescence measurement. Anal Biochem. 1997 Sep 5;251(2):144-52.

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

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