



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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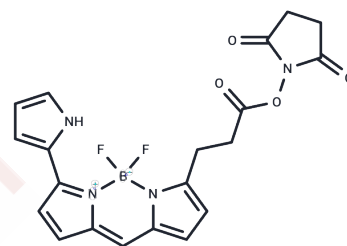
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Py-BODIPY-NHS ester

Chemical Properties

CAS No. :	201998-61-0
Formula:	C ₂₀ H ₁₇ BF ₂ N ₄ O ₄
Molecular Weight:	426.18
Appearance:	no data available
Storage:	store at low temperature, keep away from direct sunlight
	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Py-BODIPY-NHS ester is a small molecular dye with strong UV absorption that can be used to label living cells and immobilise cells.
Targets(IC50)	Autophagy
In vitro	BODIPY lipid droplet dyes can effectively pass through the cell membrane, entering the cell to specifically stain lipid droplets with polar lipids. This feature makes them suitable for labeling both live and fixed cells [2].

Solubility Information

Solubility	DMSO: 20 mg/mL (46.93 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3464 mL	11.7321 mL	23.4643 mL
5 mM	0.4693 mL	2.3464 mL	4.6929 mL
10 mM	0.2346 mL	1.1732 mL	2.3464 mL
50 mM	0.0469 mL	0.2346 mL	0.4693 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

Robers MB, et al. Quantitative, Real-Time Measurements of Intracellular Target Engagement Using Energy Transfer. Methods Mol Biol. 2019;1888:45-71.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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