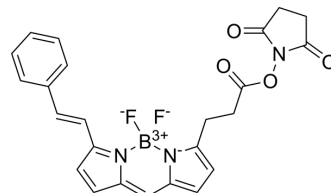


BDP 564/570 NHS ester

Cat. No.:	HY-D1661
CAS No.:	150173-90-3
Molecular Formula:	C ₂₄ H ₂₀ BF ₂ N ₃ O ₄
Molecular Weight:	463.24
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 (107.94 mM; Need ultrasonic)

Solvent	Mass	Concentration		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.1587 mL	10.7935 mL	21.5871 mL
	5 mM	0.4317 mL	2.1587 mL	4.3174 mL
	10 mM	0.2159 mL	1.0794 mL	2.1587 mL

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

BIOLOGICAL ACTIVITY

Description

BDP 564/570 NHS ester is a lipophilic orange fluorescein dye, can be used for the labeling of amine containing biomolecules, including amine-modified oligonucleotides.

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

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