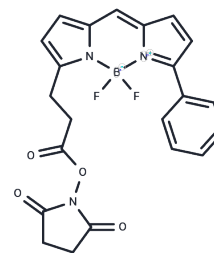


BODIPY R6G NHS ester

Chemical Properties

CAS No. :	335193-70-9
Formula:	C ₂₂ H ₁₈ BF ₂ N ₃ O ₄
Molecular Weight:	437.20
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	BODIPY R6G NHS ester belongs to BODIPY fluorescent dyes. It can couple with proteins and be applied to molecular tracing and localization research in living cells.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2873 mL	11.4364 mL	22.8728 mL
5 mM	0.4575 mL	2.2873 mL	4.5746 mL
10 mM	0.2287 mL	1.1436 mL	2.2873 mL
50 mM	0.0457 mL	0.2287 mL	0.4575 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Liu S, et al. Lewis acid-assisted isotopic 18F-19F exchange in BODIPY dyes: facile generation of positron emission tomography/fluorescence dual modality agents for tumor imaging. *Theranostics*. 2013;3(3):181-9.

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