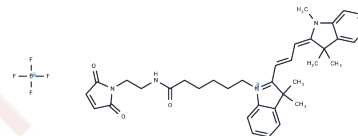


Cyanine3 maleimide tetrafluoroborate

Chemical Properties

CAS No. :	2755154-93-7
Formula:	C ₃₆ H ₄₃ BF ₄ N ₄ O ₃
Molecular Weight:	666.56
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Cyanine3 maleimide tetrafluoroborate is a specialized labeling reagent targeting sulfhydryl groups, characterized by an excitation wavelength (λ_{ex}) of 550 nm and an emission wavelength (λ_{em}) of 580 nm. It is applicable in the labeling of proteins and peptides [1] [2].
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5002 mL	7.5012 mL	15.0024 mL
5 mM	0.300 mL	1.5002 mL	3.0005 mL
10 mM	0.150 mL	0.7501 mL	1.5002 mL
50 mM	0.030 mL	0.150 mL	0.300 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.

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