

Cyanine3 maleimide tetrafluoroborate

Chemical Properties

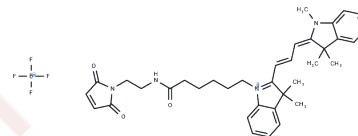
CAS No. : 2755154-93-7

Formula: C₃₆H₄₃BF₄N₄O₃

Molecular Weight: 666.56

Appearance:

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



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].

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.

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