

## BDP 650/665 X NHS ester

## Chemical Properties

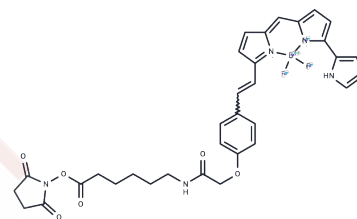
CAS No. : 1616842-78-4

Formula: C33H32BF2N5O6

Molecular Weight: 643.445

Storage: Keep away from direct sunlight  
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	BDP 650/665 X NHS ester is a hydrophobic fluorophore featuring an NHS ester. Under neutral or slightly basic conditions, the NHS ester reacts specifically and efficiently with primary amines like lysine residue side chains or amino silane-coated surfaces, forming covalent bonds. BDP 650/665 X NHS ester is applicable for labeling lipids, oligonucleotides, peptides, and a variety of other macromolecules and small molecules.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5541 mL	7.7706 mL	15.5412 mL
5 mM	0.3108 mL	1.5541 mL	3.1082 mL
10 mM	0.1554 mL	0.7771 mL	1.5541 mL
50 mM	0.0311 mL	0.1554 mL	0.3108 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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