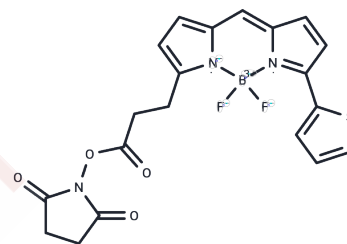


BDP 558/568 NHS ester

## Chemical Properties

CAS No. : 150173-73-2  
 Formula: C<sub>20</sub>H<sub>16</sub>BF<sub>2</sub>N<sub>3</sub>O<sub>4</sub>S  
 Molecular Weight: 443.23  
 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	BDP 558/568 NHS ester, a borondipyrromethene fluorophore, emits in the yellow part of the spectrum. It is an amine-reactive NHS ester with absorption and emission spectra analogous to TAMRA, BDP TMR, Cyanine3, and sulfo-Cyanine3 [1] [2].
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2562 mL	11.2808 mL	22.5616 mL
5 mM	0.4512 mL	2.2562 mL	4.5123 mL
10 mM	0.2256 mL	1.1281 mL	2.2562 mL
50 mM	0.0451 mL	0.2256 mL	0.4512 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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