

## ATTO 565 NHS ester

## Chemical Properties

CAS No. :	1443553-12-5
Formula:	C <sub>35</sub> H <sub>34</sub> ClN <sub>3</sub> O <sub>11</sub>
Molecular Weight:	708.11
Storage:	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	ATTO 565 NHS ester, a fluorescent marker based on the Rhodamine structure, exhibits strong absorption, high fluorescence quantum yield, and excellent thermal and photochemical stability. This NHS ester derivative of ATTO 565 is ideal for single molecule detection and high-resolution microscopy, and can be used to label proteins or antibodies.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4122 mL	7.061 mL	14.1221 mL
5 mM	0.2824 mL	1.4122 mL	2.8244 mL
10 mM	0.1412 mL	0.7061 mL	1.4122 mL
50 mM	0.0282 mL	0.1412 mL	0.2824 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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Tel: 781-999-4286 E\_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481