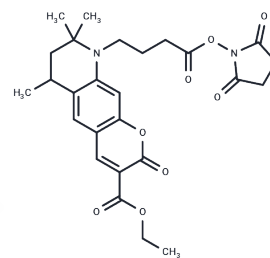


## ATTO 425 NHS ester

### Chemical Properties

CAS No. :	892156-28-4
Formula:	C <sub>26</sub> H <sub>30</sub> N <sub>2</sub> O <sub>8</sub>
Molecular Weight:	498.53
Storage:	Keep away from direct sunlight 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 425 NHS ester, a Rhodamine-structure-based fluorescent marker, exhibits strong absorption, high fluorescence quantum yield, and robust thermal and photochemical stability. This compound is ideal for applications in single molecule detection and high-resolution microscopy. As an NHS ester derivative of ATTO 425, it serves as a versatile labeling agent for proteins and antibodies.
Targets(IC50)	Others

### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0059 mL	10.0295 mL	20.059 mL
5 mM	0.4012 mL	2.0059 mL	4.0118 mL
10 mM	0.2006 mL	1.0029 mL	2.0059 mL
50 mM	0.0401 mL	0.2006 mL	0.4012 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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