

ATTO 465 NHS ester

Chemical Properties

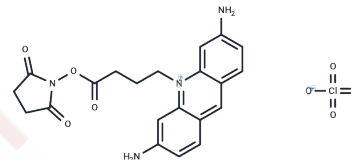
CAS No. : 1173020-88-6

Formula: C₂₁H₂₁ClN₄O₈

Molecular Weight: 492.87

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	ATTO 465 NHS ester, a novel fluorescent marker derived from the Rhodamine structure, boasts strong absorption, high fluorescence quantum yield, and exceptional thermal and photochemical stability. It is ideal for single molecule detection and high-resolution microscopy. As an NHS ester derivative of ATTO 465, it is suitable for labeling proteins or antibodies [ATTO 465 NHS ester].
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0289 mL	10.1447 mL	20.2893 mL
5 mM	0.4058 mL	2.0289 mL	4.0579 mL
10 mM	0.2029 mL	1.0145 mL	2.0289 mL
50 mM	0.0406 mL	0.2029 mL	0.4058 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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