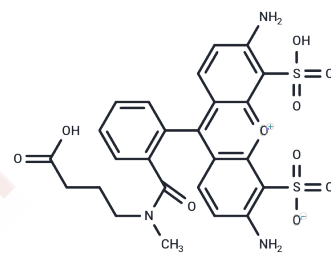


ATTO 488 carboxylic acid

Chemical Properties

CAS No. : 1443553-08-9
 Formula: C₂₅H₂₃N₃O₁₀S₂
 Molecular Weight: 589.59
 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 488 carboxylic acid, a new fluorescent label based on the Rhodamine structure, exhibits strong absorption, high fluorescence quantum yield, high thermal stability, and photochemical stability, making it suitable for single-molecule detection and high-resolution microscopy. This carboxylic acid derivative of ATTO 488 can be used to label proteins or antibodies.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6961 mL	8.4805 mL	16.9609 mL
5 mM	0.3392 mL	1.6961 mL	3.3922 mL
10 mM	0.1696 mL	0.848 mL	1.6961 mL
50 mM	0.0339 mL	0.1696 mL	0.3392 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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