

ATTO 647

## Chemical Properties

CAS No. : 906664-68-4  
Formula: C<sub>34</sub>H<sub>45</sub>ClN<sub>2</sub>O<sub>5</sub>S  
Molecular Weight: 629.25  
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 647 is a new fluorescent dye with high fluorescence yield, suitable for most labeling applications, with a maximum excitation/emission wavelength of 647/667 nm.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5892 mL	7.946 mL	15.8919 mL
5 mM	0.3178 mL	1.5892 mL	3.1784 mL
10 mM	0.1589 mL	0.7946 mL	1.5892 mL
50 mM	0.0318 mL	0.1589 mL	0.3178 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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