

## AF532 NHS ester

## Chemical Properties

CAS No. :	477876-64-5
Formula:	C34H33N3O11S2
Molecular Weight:	723.77
Storage:	Keep away from direct sunlight Store at -20°C <small>Actual storage temperature shall be subject to the COA.</small>

## Biological Description

Description	AF532 NHS Ester is the NHS ester derivative of the bright yellow fluorescent dye Alexa Fluor 532, with excitation/emission maxima of approximately 530/555 nm. The NHS active ester group allows efficient covalent labeling of proteins, amine-modified oligonucleotides, and other primary amine (R-NH <sub>2</sub> )-containing molecules, providing stable and specific fluorescent signals in imaging and flow cytometry applications.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3817 mL	6.9083 mL	13.8165 mL
5 mM	0.2763 mL	1.3817 mL	2.7633 mL
10 mM	0.1382 mL	0.6908 mL	1.3817 mL
50 mM	0.0276 mL	0.1382 mL	0.2763 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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