

## Janelia Fluor 549, Haloalkane

## Chemical Properties

CAS No. : 1811539-33-9

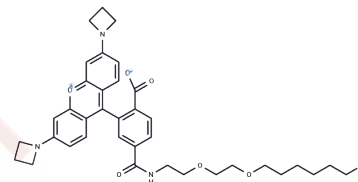
Formula: C<sub>37</sub>H<sub>42</sub>ClN<sub>3</sub>O<sub>6</sub>

Molecular Weight: 660.2

Keep away from direct sunlight

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	Janelia Fluor 549, Haloalkane, a yellow cell-permeable fluorogenic fluorescent dye featuring a chloroalkane handle, exhibits a high level of fluorogenicity. The compound's excitation and emission maxima ( $\lambda$ ) are respectively 549 nm and 571 nm, with a quantum yield = 0.88.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5147 mL	7.5735 mL	15.1469 mL
5 mM	0.3029 mL	1.5147 mL	3.0294 mL
10 mM	0.1515 mL	0.7573 mL	1.5147 mL
50 mM	0.0303 mL	0.1515 mL	0.3029 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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