

Janelia Fluor 585, Haloalkane

Chemical Properties

CAS No. : 1811539-90-8

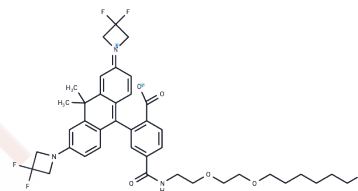
Formula: C₄₀H₄₄ClF₄N₃O₅

Molecular Weight: 758.24

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 585, Haloalkane, is an orange cell-permeable fluorogenic fluorescent dye featuring a chloroalkane handle. This compound exhibits a high level of fluorogenicity. It has excitation and emission maxima (λ) at 585 nm and 609 nm, respectively, with a quantum yield of 0.78.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3188 mL	6.5942 mL	13.1884 mL
5 mM	0.2638 mL	1.3188 mL	2.6377 mL
10 mM	0.1319 mL	0.6594 mL	1.3188 mL
50 mM	0.0264 mL	0.1319 mL	0.2638 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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