

Janelia Fluor 525, Haloalkan

Chemical Properties

CAS No. : 1811539-37-3

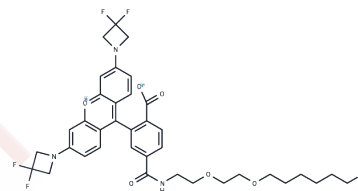
Formula: C₃₇H₃₈ClF₄N₃O₆

Molecular Weight: 732.16

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 525, Haloalkane is a yellow, cell-permeable, fluorogenic fluorescent dye featuring a chloroalkane handle that exhibits a high degree of fluorogenicity. The excitation and emission maxima (λ) of this compound are 525 nm and 549 nm, respectively, with a quantum yield of 0.91.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3658 mL	6.8291 mL	13.6582 mL
5 mM	0.2732 mL	1.3658 mL	2.7316 mL
10 mM	0.1366 mL	0.6829 mL	1.3658 mL
50 mM	0.0273 mL	0.1366 mL	0.2732 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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