

Janelia Fluor 646, Haloalkane

Chemical Properties

CAS No. : 1811539-60-2

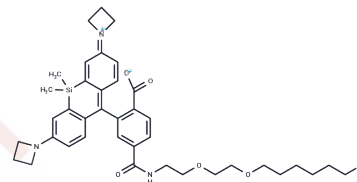
Formula: C₃₉H₄₈ClN₃O₅Si

Molecular Weight: 702.35

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 646, Haloalkane, a red cell-permeable fluorogenic fluorescent dye featuring a chloroalkane handle, exhibits significant fluorogenicity. The excitation and emission maxima (λ) for this compound are 646 nm and 664 nm, respectively, with a quantum yield of 0.54.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4238 mL	7.119 mL	14.2379 mL
5 mM	0.2848 mL	1.4238 mL	2.8476 mL
10 mM	0.1424 mL	0.7119 mL	1.4238 mL
50 mM	0.0285 mL	0.1424 mL	0.2848 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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