

Janelia Fluor® 549, SE

Chemical Properties

CAS No. : 1811539-32-8

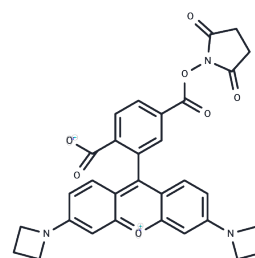
Formula: C₃₁H₂₅N₃O₇

Molecular Weight: 551.555

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, SE (JF549, SE) is a fluorescent dye with the absorption maximum (λ_{ab} (max)) of 549 nm and emission maximum (λ_{em} (max)) of 571 nm.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.813 mL	9.0652 mL	18.1304 mL
5 mM	0.3626 mL	1.813 mL	3.6261 mL
10 mM	0.1813 mL	0.9065 mL	1.813 mL
50 mM	0.0363 mL	0.1813 mL	0.3626 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.

Reference

Jonathan B Grimm, et al. Synthesis of Janelia Fluor HaloTag and SNAP-Tag Ligands and Their Use in Cellular Imaging Experiments. *Methods Mol Biol.* 2017;1663:179-188.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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