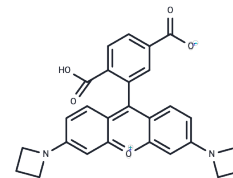


Janelia Fluor® 549 TFA

Chemical Properties

CAS No. :	2245946-45-4
Formula:	C ₂₉ H ₂₃ F ₃ N ₂ O ₇
Molecular Weight:	568.505
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Janelia Fluor 549 TFA (JF549 TFA) 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	1.759 mL	8.7949 mL	17.5898 mL
5 mM	0.3518 mL	1.759 mL	3.518 mL
10 mM	0.1759 mL	0.8795 mL	1.759 mL
50 mM	0.0352 mL	0.1759 mL	0.3518 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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