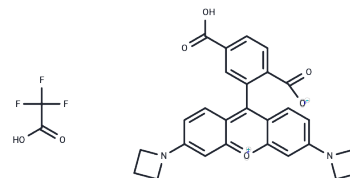


Janelia Fluor[®] 549 TFA

Chemical Properties

CAS No. : 2245946-45-4
Formula: C₂₉H₂₃F₃N₂O₇
Molecular Weight: 568.505
Appearance: no data available
Storage: keep away from direct sunlight
Powder: -20°C for 3 years | In solvent: -80°C for 1 year



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.
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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.

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.

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