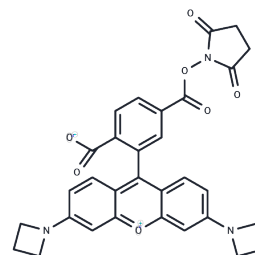


Janelia Fluor[®] 549, SE

Chemical Properties

CAS No. : 1811539-32-8
Formula: C₃₁H₂₅N₃O₇
Molecular Weight: 551.555
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, 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.
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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.

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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