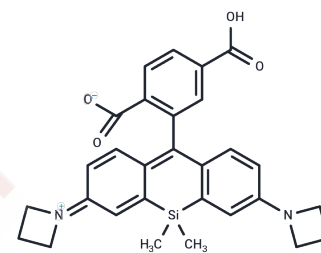


Janelia Fluor 646, free acid

Chemical Properties

CAS No. :	1811539-57-7
Formula:	C ₂₉ H ₂₈ N ₂ O ₄ Si
Molecular Weight:	496.63
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 646, free acid, is a red fluorescent dye featuring a group that can react with inorganic acids. It is suitable for applications such as flow cytometry, confocal microscopy, super-resolution microscopy (including dSTORM for both live and fixed cells), and STED. The dye has an excitation maximum at 646 nm and an emission maximum at 664 nm.
Targets(IC50)	Others
In vitro	Janelia Fluor 646, free acid is a red fluorescent dye featuring a fluorogenic property and a free acid reactive group, ideal for live cell imaging.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0136 mL	10.0679 mL	20.1357 mL
5 mM	0.4027 mL	2.0136 mL	4.0271 mL
10 mM	0.2014 mL	1.0068 mL	2.0136 mL
50 mM	0.0403 mL	0.2014 mL	0.4027 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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