

## PA-JF549-Halo ligand

## Chemical Properties

CAS No. :	1811539-43-1
Formula:	C <sub>38</sub> H <sub>42</sub> ClN <sub>5</sub> O <sub>5</sub>
Molecular Weight:	684.23
Storage:	Keep away from direct sunlight Store at -20°C <small>Actual storage temperature shall be subject to the COA.</small>

## Biological Description

Description	PA-JF549-Halo ligand is a photoactivatable fluorescent probe, created by the covalent linkage of the fluorescent dye PA-JF549 and the HaloTag protein ligand. Combining the exceptional brightness, photostability, and cell permeability of the JF549 dye with the photoactivation features and the specificity of HaloTag protein labeling technology, it is suitable for high-quality single-molecule imaging and super-resolution imaging of specific proteins in live cells.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4615 mL	7.3075 mL	14.615 mL
5 mM	0.2923 mL	1.4615 mL	2.923 mL
10 mM	0.1461 mL	0.7307 mL	1.4615 mL
50 mM	0.0292 mL	0.1461 mL	0.2923 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.

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