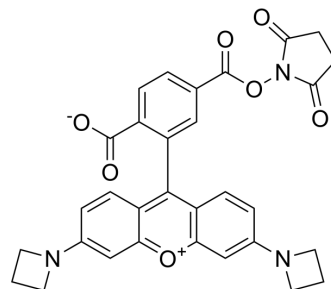


## Janelia Fluor® 549, SE

Cat. No.:	HY-130736
CAS No.:	1811539-32-8
Molecular Formula:	C <sub>31</sub> H <sub>25</sub> N <sub>3</sub> O <sub>7</sub>
Molecular Weight:	551.55
Target:	Fluorescent Dye
Pathway:	Others
Storage:	-20°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



### BIOLOGICAL ACTIVITY

#### Description

Janelia Fluor® 549, SE (JF549, SE) is a fluorescent dye with the absorption maximum ( $\lambda_{ab}$  (max)) of 549 nm and emission maximum ( $\lambda_{em}$  (max)) of 571 nm<sup>[1]</sup>. Janelia Fluor® products are licensed under U.S. Pat. Nos. 9,933,417, 10,018,624 and 10,161,932 and other patents from Howard Hughes Medical Institute.

### REFERENCES

[1]. 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.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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