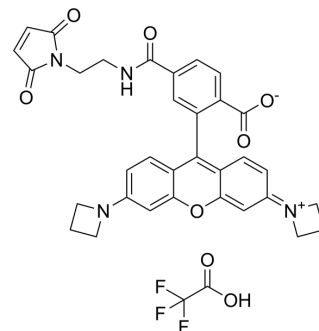


## Janelia Fluor® 549, Maleimide TFA

|                    |                                                                                           |
|--------------------|-------------------------------------------------------------------------------------------|
| Cat. No.:          | HY-131023                                                                                 |
| Molecular Formula: | C <sub>35</sub> H <sub>29</sub> F <sub>3</sub> N <sub>4</sub> O <sub>8</sub>              |
| Molecular Weight:  | 690.62                                                                                    |
| Target:            | Fluorescent Dye                                                                           |
| Pathway:           | Others                                                                                    |
| Storage:           | Please store the product under the recommended conditions in the Certificate of Analysis. |



### BIOLOGICAL ACTIVITY

#### Description

Janelia Fluor® 549, Maleimide TFA (JF549, Maleimide TFA) 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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