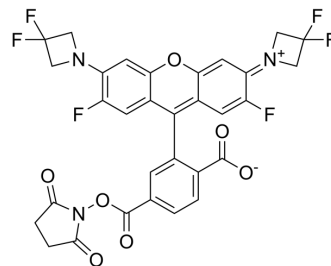


## Janelia Fluor® 526, SE

<b>Cat. No.:</b>	HY-138658
<b>Molecular Formula:</b>	C <sub>31</sub> H <sub>19</sub> F <sub>6</sub> N <sub>3</sub> O <sub>7</sub>
<b>Molecular Weight:</b>	659.49
<b>Target:</b>	Fluorescent Dye
<b>Pathway:</b>	Others
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	Janelia Fluor 526, SE (JF526,SE) is a fluorogenic yellow fluorescent dye that contains NHS ester group. JF526 is a versatile scaffold for fluorogenic ligands, including labels for genetically encoded self-labeling protein tags and stains for endogenous structures <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.
<b>In Vitro</b>	Excitation maximum=526 nm; emission maximum=550 nm <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Zheng Q, et al. Rational Design of Fluorogenic and Spontaneously Blinking Labels for Super-Resolution Imaging [published correction appears in ACS Cent Sci. 2020 Oct 28;6(10):1844]. ACS Cent Sci. 2019;5(9):1602-1613.

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

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