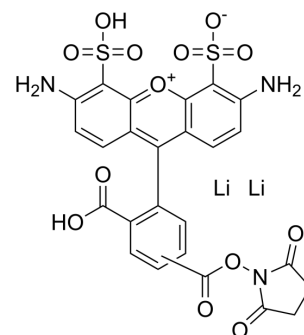


## TFAX 488,SE dilithium

<b>Cat. No.:</b>	HY-D1114
<b>CAS No.:</b>	222164-96-7
<b>Molecular Formula:</b>	C <sub>25</sub> H <sub>15</sub> N <sub>3</sub> O <sub>13</sub> S <sub>2</sub> Li <sub>2</sub>
<b>Molecular Weight:</b>	643.41
<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>	TFAX 488,SE dilithium is a green fluorescent dye and exhibits pH-insensitivity over a very broad range (pH in the 4-10). TFAX 488,SE dilithium yields exceptionally bright, photostable conjugates with proteins or antibodies (such as goat anti-mouse IgG, streptavidin) <sup>[1]</sup> .
<b>In Vitro</b>	Excitation maximum=485±11 nm; emission maximum=530±15 nm <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Panchuk-Voloshina N, et al. Alexa dyes, a series of new fluorescent dyes that yield exceptionally bright, photostable conjugates. J Histochem Cytochem. 1999;47(9):1179-1188.

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

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