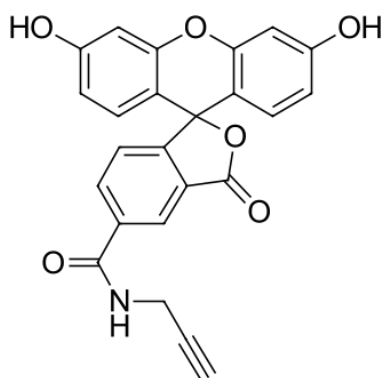


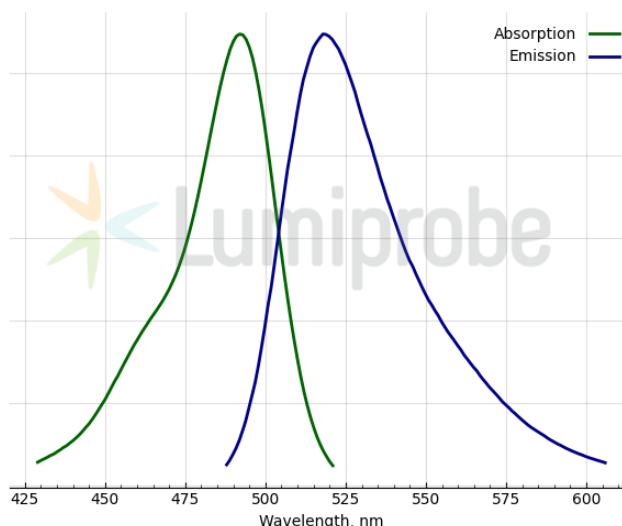
## FAM alkyne, 5-isomer

<http://www.lumiprobe.com/p/fam-alkyne-5>

FAM (fluorescein) alkyne for copper-catalyzed click chemistry, high purity (97+% 5-isomer). The compound possesses significant aqueous solubility.



**Structure of 5-FAM alkyne**



**Absorbance and emission spectra of FAM**

### General properties

Appearance:	yellow solid
Molecular weight:	413.38
CAS number:	510758-19-7
Molecular formula:	C <sub>24</sub> H <sub>15</sub> O <sub>6</sub> N
Solubility:	good in aqueous buffers (pH > 8), alcohols, DMSO, DMF
Quality control:	NMR <sup>1</sup> H, HPLC-MS (95%)
Storage conditions:	Storage: 24 months after receipt at -20°C in the dark. Transportation: at room temperature for up to 3 weeks. Avoid prolonged exposure to light.
Legal statement:	This Product is offered and sold for research purposes only. It has not been tested for safety and efficacy in food, drug, medical device, cosmetic, commercial or any other use. Supply does not express or imply authorization to use for any other purpose, including, without limitation, in vitro diagnostic purposes, in the manufacture of food or pharmaceutical products, in medical devices or in cosmetic products.

### Spectral properties

Excitation/absorption maximum, nm:	492
ε, L·mol <sup>-1</sup> ·cm <sup>-1</sup> :	74000
Emission maximum, nm:	517
Fluorescence quantum yield:	0.93
CF <sub>260</sub> :	0.22
CF <sub>280</sub> :	0.17