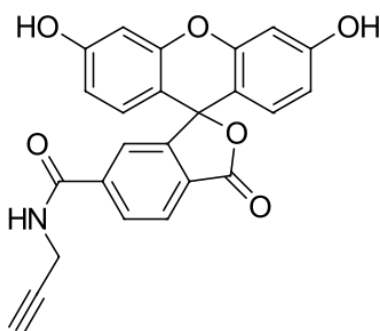


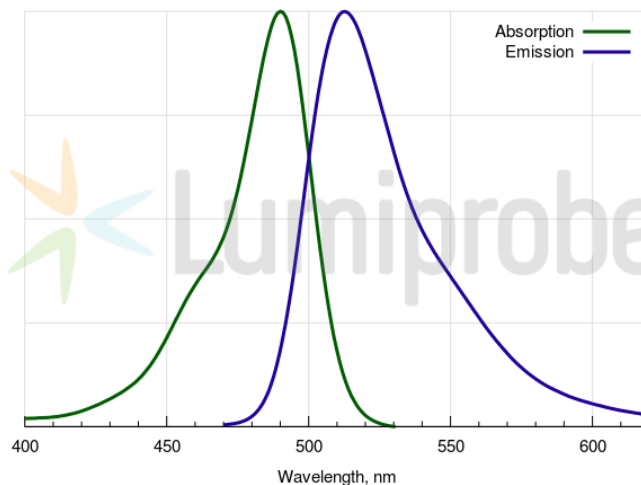
FAM alkyne, 6-isomer

Alkyne derivative of FAM (fluorescein) fluorophore for Click Chemistry. Pure (97+%) single 6-isomer.

Fluorescein is a bright fluorophore which is compatible with a number of different fluorescent instruments.



Structure of FAM alkyne, 6-isomer



FAM absorbance and emission spectra

General properties

Appearance:	yellow solid
Molecular weight:	413.38
CAS number:	478801-49-9
Molecular formula:	C ₂₅ H ₁₅ O ₆ N
Solubility:	good in aqueous buffers (pH > 8), alcohols, DMSO, DMF
Quality control:	NMR ¹ 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.
TN VED Code:	3204190000

Spectral properties

Excitation maximum, nm:	490
ε, L·mol ⁻¹ ·cm ⁻¹ :	80000
Emission maximum, nm:	513
Fluorescence quantum yield:	0.93
CF ₂₆₀ :	0.20
CF ₂₈₀ :	0.17