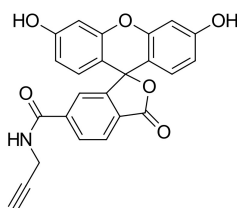


FAM alkyne, 6-isomer (A270205)

Specifications:

Name:	FAM alkyne, 6-isomer
Description:	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.
Absorption Maxima:	490 nm
Extinction Coefficient:	80000 M ⁻¹ cm ⁻¹
Emission Maxima:	513 nm
Fluorescence Quantum Yield:	0.93
CAS Number:	478801-49-9
CF ₂₆₀ :	0.20
CF ₂₈₀ :	0.17
Purity:	95% (by ¹ H NMR and HPLC-MS).
Molecular Formula:	C ₂₅ H ₁₅ O ₆ N
Molecular Weight:	413.38 kDa
Product Form:	Yellow solid.
Solubility:	Good in aqueous buffers (pH > 8), alcohols, DMSO, and DMF.
Storage:	Shipped at room temperature. Upon delivery, store in the dark at -20°C. Avoid prolonged exposure to light.
Disclaimer:	This product is for research use only. It is not intended for diagnostic or therapeutic use.

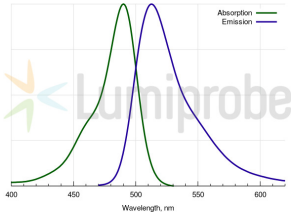
Images:



Structure of FAM alkyne, 6-isomer.

FAM alkyne, 6-isomer (A270205)

Images continued:



FAM absorbance and emission spectra.