

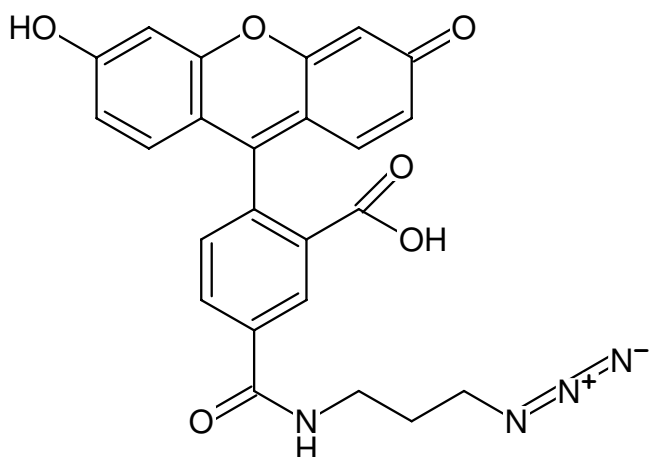
**5-FAM-Azide**

Abs/Em = 494/520 nm

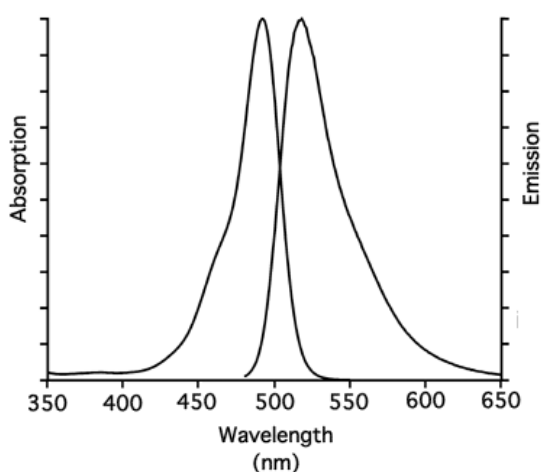
5-Fluorescein-Azide

N-(3-azidopropyl)-3',6'-dihydroxy-3-oxo-3H-spiro[isobenzofuran-1,9'-xanthene]-5-carboxamide

Cat. No.	Amount
CLK-80101-5	5 mg
CLK-80101-25	5 x 5 mg
CLK-80101-100	100 mg



Structural formula of 5-FAM-Azide



excitation and emission spectrum of 5-FAM

For general laboratory use.**Shipping:** shipped at ambient temperature**Storage Conditions:** store at -20 °C**Additional Storage Conditions:** store dark and dry**Shelf Life:** 12 months after date of delivery**Molecular Formula:** C₂₄H₂₀N₄O₆**Molecular Weight:** 458.43 g/mol**Exact Mass:** 458.12 g/mol**Purity:** ≥ 90 % (HPLC)**Form:** crystals**Color:** light yellow to green**Solubility:** DMF, DMSO, alcohols**Spectroscopic Properties:** λ_{abs} 494 nm, λ_{em} 520 nm, ε 75.0 L mmol⁻¹ cm⁻¹**Selected References:**Gramlich *et al.* (2008) Click-Click-Click: Single to Triple Modification of DNA. *Angew. Chem. Int. Ed.* **47**:3442.Gramlich *et al.* (2008) Postsynthetic DNA Modification through the Copper-Catalyzed Azide-Alkyne Cycloaddition Reaction. *Angew. Chem. Int. Ed.* **47**:8350.Zhan *et al.* (2005) Synthesis of hemicyanine dyes for 'click' bioconjugation. *Tetrahedron Letters* **46**:1691.