



Cy5-Azide

Abs/Em = 646/662 nm

Cat. No.	Amount
CLK-047-1	1 mg
CLK-047-5	5 x 1 mg

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: C₃₅H₄₅N₆O (free cation)

Molecular Weight: 565.78 g/mol (free cation)

Exact Mass: 565.36 g/mol (free cation)

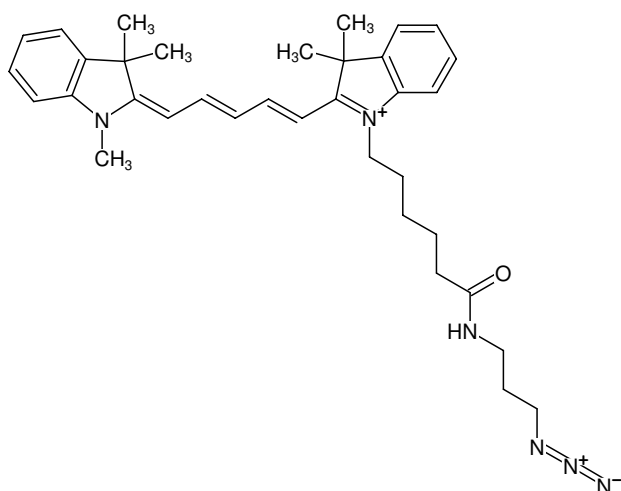
Purity: ≥ 90 % (HPLC)

Form: powder

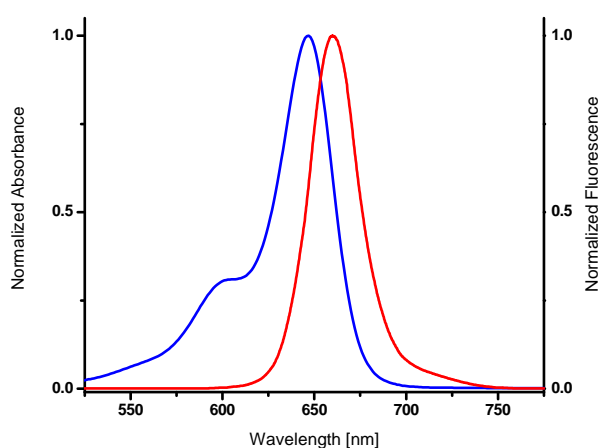
Color: blue

Solubility: soluble in DMSO, DMF, Dichlormethan
insoluble in water

Spectroscopic Properties: λ_{abs} 646 nm, λ_{em} 662 nm,
ε 250.0 L mmol⁻¹ cm⁻¹ (after click reaction)



Structural formula of Cy5-Azide



excitation and emission spectrum of Cy5