



7-Propargylamino-7-deaza-dGTP-5-FAM

7-Deaza-7-propargylamino-2'-deoxyguanosine-5'-triphosphate, labeled with 5 FAM, Triethylammonium salt

| Cat. No. | Amount |
|-------------|---------------|
| NU-1615-5FM | 120 µl (1 mM) |

For general laboratory use.

Shipping: shipped on gel packs

Storage Conditions: store at -20 °C

Short term exposure (up to 1 week cumulative) to ambient temperature possible.

Shelf Life: 12 months after date of delivery

Molecular Formula: C₃₅H₃₀N₅O₁₉P₃ (free acid)

Molecular Weight: 917.56 g/mol (free acid)

Exact Mass: 917.07 g/mol (free acid)

Purity: ≥ 95 % (HPLC)

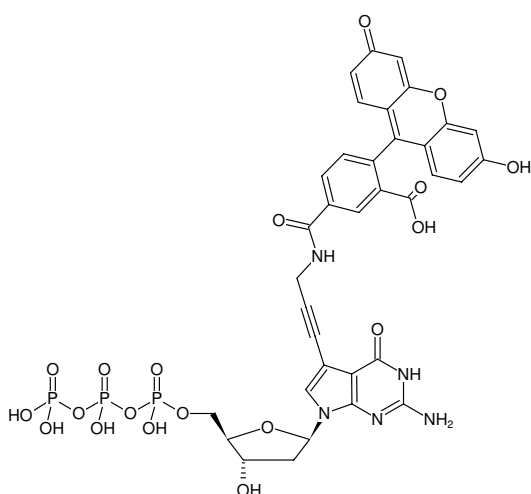
Form: solution in water

Color: yellow

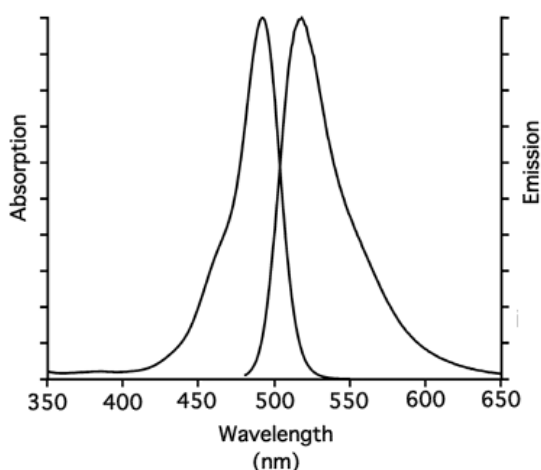
Concentration: 1.0 mM - 1.1 mM

pH: 7.5 ± 0.5

Spectroscopic Properties: λ_{exc} 492 nm, λ_{em} 517 nm, ε 83.0 L mmol⁻¹ cm⁻¹ (Tris-HCl pH 7.5)



Structural formula of 7-Propargylamino-7-deaza-dGTP-5-FAM



excitation and emission spectrum of 5-FAM