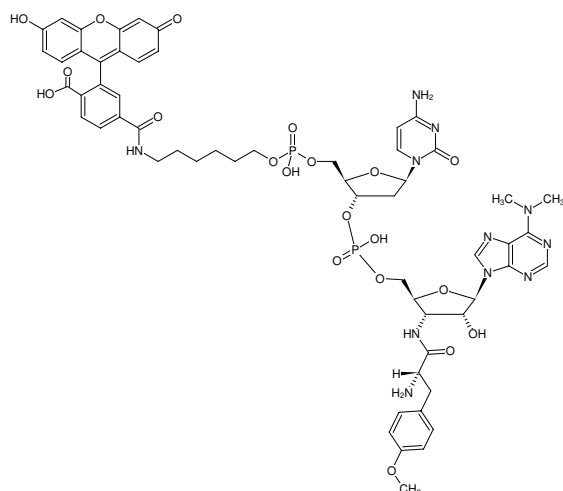


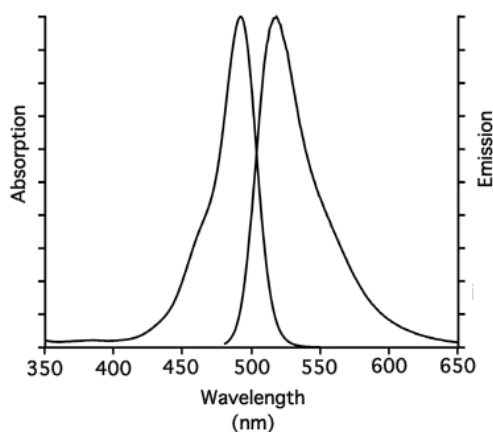


6-FAM-dC-puromycin

Cat. No.	Amount
NU-925-6FM-S	100 µl (0,1 mM)
NU-925-6FM-L	5 x 100 µl (0,1 mM)



Structural formula of 6-FAM-dC-puromycin



excitation and emission spectrum of 6-FAM

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: C₅₈H₆₅N₁₁O₂₀P₂ (free acid)

Molecular Weight: 1298.15 g/mol (free acid)

Exact Mass: 1297.39 g/mol (free acid)

CAS#: 436083-76-0

Purity: ≥ 95 % (HPLC)

Form: solution in water

Color: yellow

Concentration: 0.10 mM - 0.11 mM

pH: 7.5 ± 0.5

Spectroscopic Properties: λ_{exc} 499 nm, λ_{em} 517 nm, ε 83.0 L mol⁻¹ cm⁻¹ (Tris-HCl pH 9.0)

Selected References:

Starck *et al.* (2004) A general approach to detect protein expression in vivo using fluorescent puromycin conjugates. *Chem. Biol.* **11** (7):999.

Kawahashi *et al.* (2007) High-throughput fluorescence labelling of full-length cDNA products based on a reconstituted translation system. *J. Biochem.* **141** (1):19.