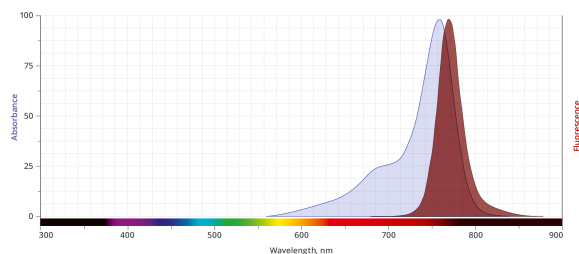
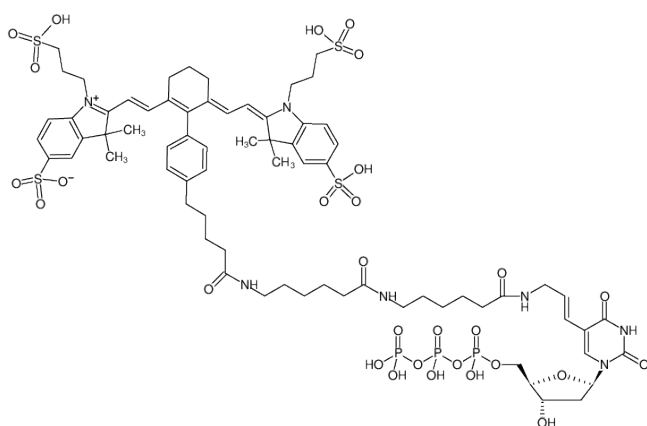




Aminoallyl-dUTP-XX-IR750

5-(3-Aminoallyl)-2'-deoxyuridine-5'-triphosphate, labeled with IR750, Triethylammonium salt

| Cat. No. | Amount |
|-------------------|------------------|
| NU-803-XX-IR750-S | 10 µl (1 mM) |
| NU-803-XX-IR750-L | 5 x 10 µl (1 mM) |



excitation and emission spectrum of IR750

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: C₇₁H₉₆N₇O₂₉P₃S₄ (free acid)

Molecular Weight: 1732.73 g/mol (free acid)

Exact Mass: 1731.43 g/mol (free acid)

Purity: ≥ 95 % (HPLC)

Form: solution in 10 mM Tris-HCl

Color: dark green

Concentration: 1.0 mM - 1.1 mM

pH: 7.5 ± 0.5

Spectroscopic Properties: λ_{exc} 753 nm, λ_{em} 775 nm, ε 255.0 L mmol⁻¹ cm⁻¹ (Tris-HCl pH 7.5)

Applications:

Incorporation into DNA/cDNA by
- PCR with *Taq* polymerase in-house data

Description:

Recommended Aminoallyl-dUTP-XX-IR750/dTTP ratio for PCR: 20-30%
Aminoallyl-dUTP-XX-IR750/ 80%-70% dTTP