



Aminoallyl-dUTP-XX-IR680LT

5-(3-Aminoallyl)-2'-deoxyuridine-5'-triphosphate, labeled with IR680LT, Triethylammonium salt

Cat. No.	Amount
NU-803-XX-IR680LT-S	10 µl (1 mM)
NU-803-XX-IR680LT-L	5 x 10 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: C₇₄H₉₄N₇O₃₅P₃S₆ (free acid)

Molecular Weight: 1926.86 g/mol (free acid)

Exact Mass: 1925.33 g/mol (free acid)

Purity: ≥ 95 % (HPLC)

Form: filtered solution (30 kDa) in 10 mM Tris-HCl

Color: blue

Concentration: 1.0 mM - 1.1 mM

pH: 7.5 ± 0.5

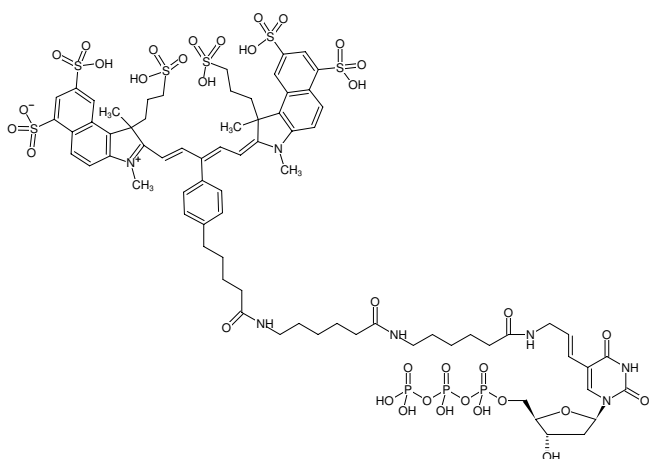
Spectroscopic Properties: λ_{exc} 679 nm, λ_{em} 694 nm, ε 190.0 L mmol⁻¹ cm⁻¹ (Tris-HCl pH 7.5)

Applications:

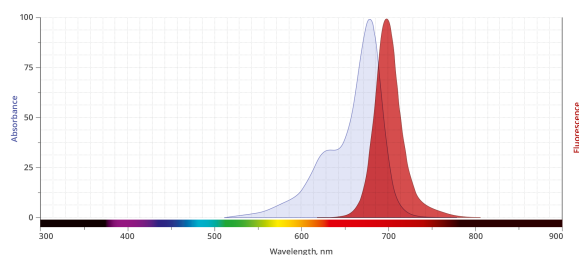
Incorporation into DNA/cDNA by
- PCR with *Taq* polymerase in-house data

Description:

Recommended Aminoallyl-dUTP-XX-IR680LT/dTTP ratio for PCR:
30-50% Aminoallyl-dUTP-XX-IR680LT/ 70%-50% dTTP



Structural formula of Aminoallyl-dUTP-XX-IR680LT



excitation and emission spectrum of IR680LT