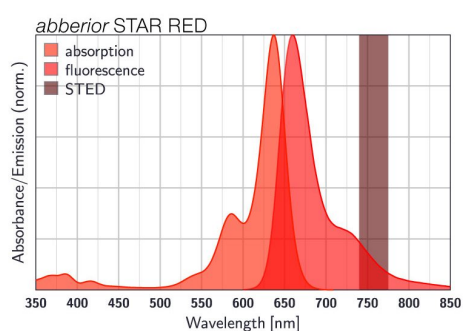
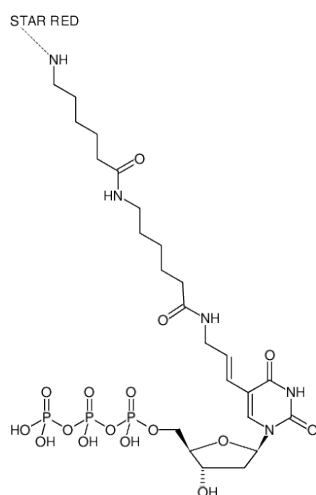




## Aminoallyl-dUTP-XX-STAR RED

5-(3-Aminoallyl)-2'-deoxyuridine-5'-triphosphate, labeled with abberior® STAR RED, Triethylammonium salt

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



excitation and emission spectrum of STAR RED

**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:** C<sub>68</sub>H<sub>85</sub>F<sub>4</sub>N<sub>8</sub>O<sub>26</sub>P<sub>3</sub>S<sub>2</sub> (free acid)

**Molecular Weight:** 1663.48 g/mol (free acid)

**Exact Mass:** 1662.41 g/mol (free acid)

**Purity:** ≥ 95 % (HPLC)

**Form:** solution in 10 mM Tris-HCl

**Color:** dark blue

**Concentration:** 1.0 mM - 1.1 mM

**pH:** 7.5 ± 0.5

**Spectroscopic Properties:** λ<sub>exc</sub> 638 nm, λ<sub>em</sub> 655 nm, ε 120.0 L mmol<sup>-1</sup> cm<sup>-1</sup> (Tris-HCl pH 7.5)

### Applications:

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

### Description:

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