



5-Propargylamino-ddCTP-5/6-TAMRA

5-Propargylamino-2',3'-dideoxycytidine-5'-triphosphate, labeled with 5/6-TAMRA, Triethylammonium salt

Cat. No.	Amount
NU-850-TAM	240 µl (0,5 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: C₃₇H₃₉N₆O₁₆P₃ (free acid)

Molecular Weight: 916.66 g/mol (free acid)

Exact Mass: 916.16 g/mol (free acid)

Purity: ≥ 95 % (HPLC)

Form: solution in water

Color: pink to red

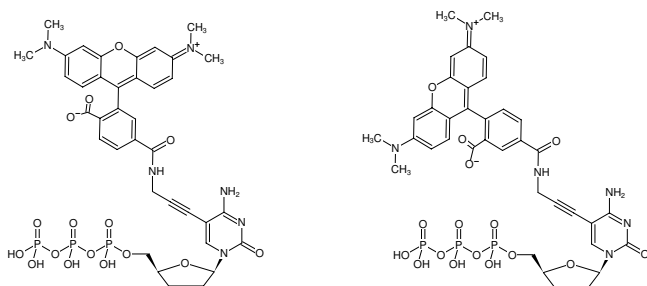
Concentration: 0.50 mM - 0.55 mM

pH: 7.5 ± 0.5

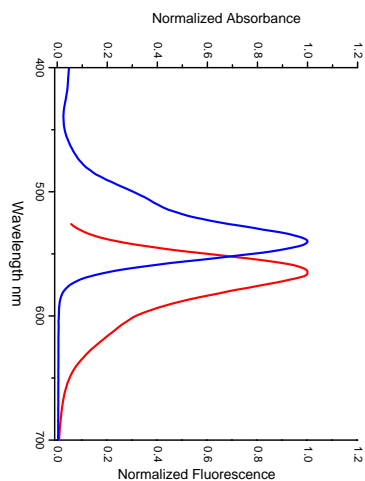
Spectroscopic Properties: λ_{exc} 545 nm, λ_{em} 575 nm, ε 90.0 L mmol⁻¹ cm⁻¹ (Tris-HCl pH 7.5)

Selected References:

Esteves *et al.* (2011) Clinical relevance of multiple single-nucleotide polymorphisms in *Pneumocystis jirovecii* Pneumonia: development of a multiplex PCR-single-base-extension methodology. *J. Clin. Microbiol.* **49** (5):1810.



Structural formula of 5-Propargylamino-ddCTP-5/6-TAMRA



excitation and emission spectrum of 5/6-TAMRA