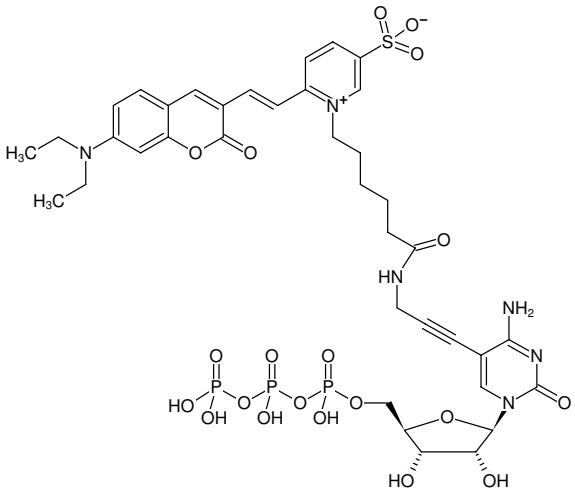
DATA SHEET

Jena Bioscience

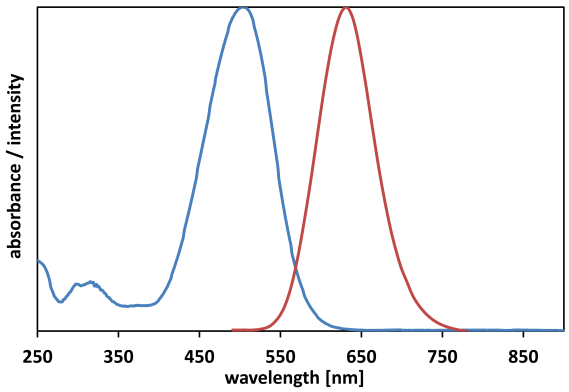
# 5-Propargylamino-CTP-DY-480XL

5-Propargylamino-cytidine-5'-triphosphate, labeled with DY 480XL, Triethylammonium salt

| Cat. No. | Amount |
|---|---|
| NU-831-480XL | 40 µl (1 mM) |



Structural formula of 5-Propargylamino-CTP-DY-480XL




excitation and emission spectrum of DY 480XL

**For general laboratory use.**

**Please centrifuge briefly before opening (volume ≤2 ml).**

**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:** $C_{38}H_{47}N_6O_{20}P_3S$ (free acid)

**Molecular Weight:** 1032.80 g/mol (free acid)

**Purity:** ≥ 95 % (HPLC)

**Form:** solution in water

**Color:** dark red

**Concentration:** 1.0 mM - 1.1 mM

**pH:** 7.5 ±0.5

**Spectroscopic Properties:** $\lambda_{exc}$ 500 nm, $\lambda_{em}$ 630 nm, ε 50.0 L mmol$^{-1}$ cm$^{-1}$ (Tris-HCl pH 7.5)