



## 7-Propargylamino-7-deaza-ddGTP-6-ROX

7-Deaza-7-propargylamino-2',3'-dideoxyguanosine-5'-triphosphate, labeled with 6-ROX, Triethylammonium salt

Cat. No.	Amount
NU-1618-ROX	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:** C<sub>47</sub>H<sub>48</sub>N<sub>7</sub>O<sub>16</sub>P<sub>3</sub> (free acid)

**Molecular Weight:** 1059.85 g/mol (free acid)

**Exact Mass:** 1059.24 g/mol (free acid)

**Purity:** ≥ 95 % (HPLC)

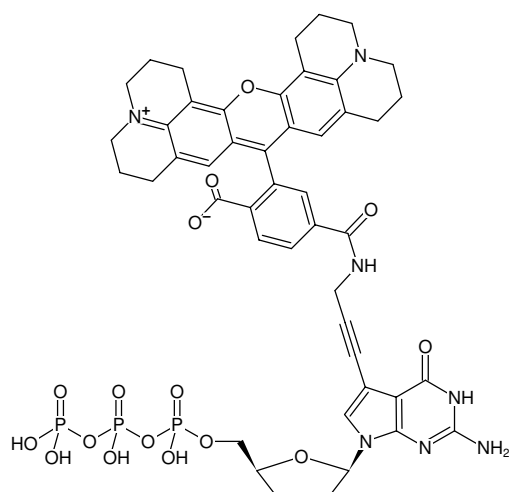
**Form:** solution in water

**Color:** purple

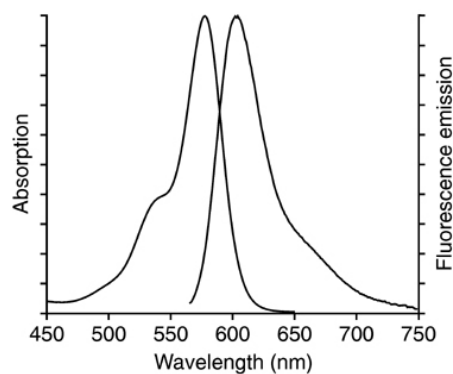
**Concentration:** 0.5 mM - 0.55 mM

**pH:** 7.5 ± 0.5

**Spectroscopic Properties:** λ<sub>exc</sub> 575 nm, λ<sub>em</sub> 600 nm, ε 82.0 L mmol<sup>-1</sup> cm<sup>-1</sup> (Tris-HCl pH 7.5)



Structural formula of 7-Propargylamino-7-deaza-ddGTP-6-ROX



excitation and emission spectrum of 6-ROX

### 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.