

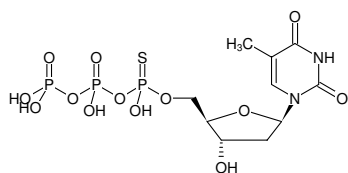
**dTTP α S**2'-Deoxythymidine-(α -thio)-triphosphate, Sodium salt; (Mixture of R_p and S_p isomers)

Cat. No.	Amount
NU-410S	100 μ l (10 mM)
NU-410L	5 x 100 μ l (10 mM)

Selected References:

Strobel (1999) A chemogenetic approach to RNA function/structure analysis. *Curr. Opin. Struc. Biol.* **9** (3):346.

Tong *et al.* (1997) Nucleotide-induced stable complex formation by HIV-1 reverse transcriptase. *Biochemistry-US* **36** (19):5749.

Structural formula of dTTP α S**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:** C₁₀H₁₇N₂O₁₃P₃S (free acid)**Molecular Weight:** 498.23 g/mol (free acid)**Exact Mass:** 497.97 g/mol (free acid)**CAS#:** 18883-94-8**Purity:** \geq 95 % (HPLC)**Form:** solution in water**Color:** colorless to slightly yellow**Concentration:** 10 mM - 11 mM**pH:** 7.5 \pm 0.5**Spectroscopic Properties:** λ_{\max} 267 nm, ϵ 9.6 L mmol⁻¹ cm⁻¹ (Tris-HCl pH 7.5)