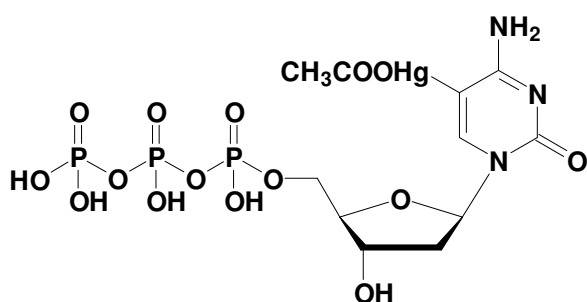


5-AcOHg-dCTP

5-Mercuriacetat-2'-deoxy-cytidine-5'-triphosphate, Sodium salt

Cat. No.	Amount
NU-1149S	100 Units
NU-1149L	500 Units



Cat. No.: NU-1149

Molecular Formula: C₁₁H₁₈HgN₃O₁₅P₃ (free acid)

Molecular Weight: 725.78 (free acid)

Purity: > 95%, clear aqueous solution, pH 7.5

Spectroscopic Properties: λ_{\max} 272nm;
 ϵ 9,100 M⁻¹cm⁻¹ Tris HCl pH 7.5

Storage conditions:

Short term exposure (up to 1 week cumulative) to ambient temperature possible. Long term storage at < -20°C.

For research use only!

1 unit = 1 μ l of a 10 mM solution

Selected References:

Banfalvi *et al.* (1995) Effect of mercury substitution of DNA on its susceptibility to cleavage by restriction endonucleases. *DNA Cell Biol.* **14** (5):445.

Dale *et al.* (1973) The Synthesis and Enzymatic Polymerization of Nucleotides Containing Mercury: Potential Tools for Nucleic Acid Sequencing and Structural Analysis. *Proc. Natl. Acad. Sci. USA* **70** (8):2238.