

**5-Hydroxy-UTP**

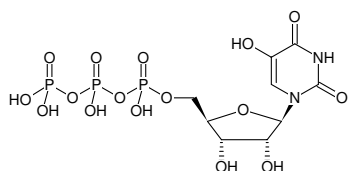
5-Hydroxyuridine-5'-triphosphate, Sodium salt

| Cat. No. | Amount |
|----------|--------------------|
| NU-883S | 10 µl (100 mM) |
| NU-883L | 5 x 10 µl (100 mM) |

Applications:P2Y₂-Receptor ligand^[1]Inhibitor of orotidylic acid decarboxylase^[2]**Selected References:**

[1] Ando *et al.* (2010) P2Y₂ receptor-Gq/11 signaling at lipid rafts is required for UTP-induced cell migration in NG 108-15 cells. *J. Pharmacol. & Experim. Therapeut.* **334** (3):809.

[2] Smith *et al.* (1965) 5-Hydroxyuridine *J. Biol. Chem.* **240** (1):446.



Structural formula of 5-Hydroxy-UTP

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:** C₉H₁₅N₂O₁₆P₃ (free acid)**Molecular Weight:** 500.14 g/mol (free acid)**Exact Mass:** 499.96 g/mol (free acid)**Purity:** ≥ 95 % (HPLC)**Form:** solution in water**Color:** colorless to slightly yellow**Concentration:** 100 mM - 110 mM**pH:** 7.5 ±0.5**Spectroscopic Properties:** λ_{max} 282 nm, ε 7.4 L mmol⁻¹ cm⁻¹ (Tris-HCl pH 7.5)