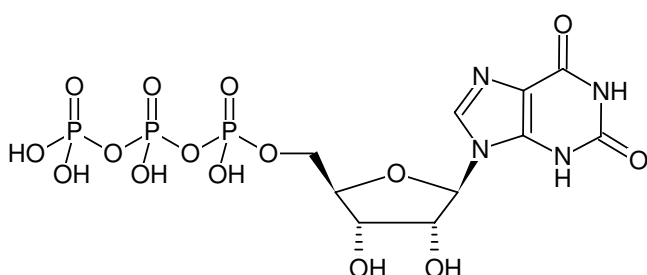


**XTP - Sodium salt**

Xanthosine-5'-triphosphate, Sodium salt

Cat. No.	Amount
NU-935-2	2 mg
NU-935-10	10 mg

**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:** C₁₀H₁₅N₄O₁₅P₃ (free acid)**Molecular Weight:** 524.16 g/mol (free acid)**Exact Mass:** 523.97 g/mol (free acid)**CAS#:** 105931-36-0**Purity:** ≥ 95 % (HPLC)**Form:** solid**Color:** white to off-white**Spectroscopic Properties:** λ_{max} 276 nm, ε 9.6 L mmol⁻¹ cm⁻¹ (Tris-HCl pH 7.5)**Applications:**Inhibitor of adenylyl and guanylyl cyclase^[1]**Specific Ligands:**Soluble guanylyl cyclase^[2]**Related Products:**

XTP, Triethylammonium salt #NU-602

Selected References:

[1] Spangler *et al.* (2011) Interaction of the diguanylate cyclase YdeH of *Escherichia coli* with 2', (3')-substituted purine and pyrimidine nucleotides. *J. Pharmacol. Exp. Ther.* **336** (1):234.

[2] Chang *et al.* (2005) Nitric Oxide-dependent Allosteric Inhibitory Role of a Second Nucleotide Binding Site in Soluble Guanylyl Cyclase. *J. Biol. Chem.* **280** (12):11513.

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