

**XTPyS**

Xanthosine-5'-(γ-thio)-triphosphate, Sodium salt

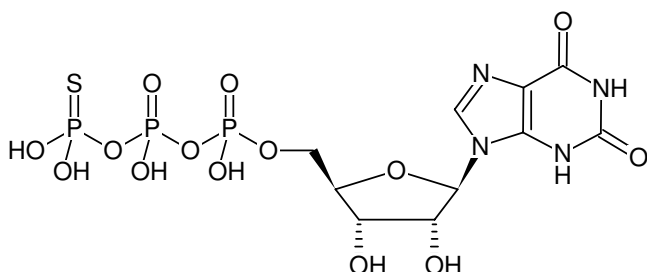
Cat. No.	Amount
NU-404-1	1 mg
NU-404-5	5 mg

Please note: For reasons of stability, please make sure that the pH value of a solution of this product never drops below 7.0. This can be achieved by dissolving the nucleotide in a buffer of your choice (50 - 100 mM, pH 7 - 10). Dissolve and adjust concentration photometrically.

Selected References:

Yu *et al.* (1998) Interaction of the xanthine nucleotide binding Go alpha mutant with G protein-coupled receptors. *J. Biol. Chem.* **273** (46):30183.

Jones *et al.* (1998) Inhibition of endosome fusion by wortmannin persists in the presence of activated rab5. *Molecular Biology of the Cell* **9** (2):323.



Structural formula of XTPyS

For general laboratory use.**Shipping:** shipped on dry ice**Storage Conditions:** store at -20 °C**Shelf Life:** 6 months after date of delivery**Molecular Formula:** C₁₀H₁₅N₄O₁₄P₃S (free acid)**Molecular Weight:** 540.22 g/mol (free acid)**Exact Mass:** 539.95 g/mol (free acid)**CAS#:** 723313-37-9**Purity:** ≥ 90 % (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)