

**6-Methylthio-GTP**

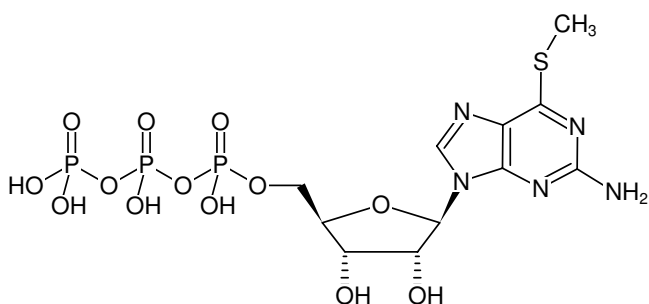
6-Methylthioguanosine-5'-triphosphate, Sodium salt

Cat. No.	Amount
NU-1130S	100 µl (10 mM)
NU-1130L	5 x 100 µl (10 mM)

**Selected References:**

Labesse *et al.* (2011) Structural and functional characterization of the *Mycobacterium tuberculosis* uridine monophosphate kinase: insights into the allosteric regulation. *Nucleic Acids Res.* **39** (8):3458.

Nelson *et al.* (1977) Oxyurine and 6-thiopurine nucleoside triphosphate formation in human erythrocytes. *Adv. Exp. Med. Biol.* **76A**:121.



Structural formula of 6-Methylthio-GTP

**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:** C<sub>11</sub>H<sub>18</sub>N<sub>5</sub>O<sub>13</sub>P<sub>3</sub>S (free acid)**Molecular Weight:** 553.27 g/mol (free acid)**Exact Mass:** 552.98 g/mol (free acid)**CAS#:** 70318-62-6**Purity:** ≥ 95 % (HPLC)**Form:** solution in water**Color:** colorless to slightly yellow**Concentration:** 10 mM - 11 mM**pH:** 7.5 ±0.5**Spectroscopic Properties:** λ<sub>max</sub> 242 nm, ε 12.8 L mmol<sup>-1</sup> cm<sup>-1</sup> (Tris-HCl pH 7.5)