DATA SHEET

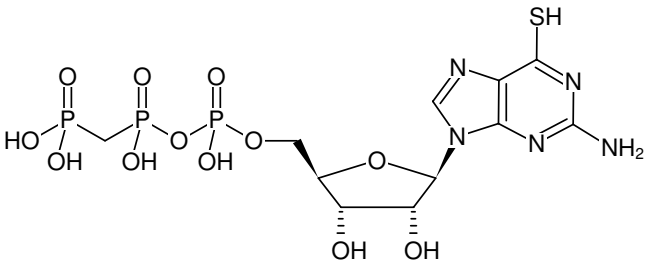
Jena Bioscience

6-Thio-GppCp

(6-Thio-GMPPCP)

6-Thio-guanosine-5'-[(β,γ)-methyleno]triphosphate, Sodium salt

Cat. No.	Amount
NU-418S	50 µl (10 mM)
NU-418L	5 x 50 µl (10 mM)



Structural formula of 6-Thio-GppCp

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: $C_{11}H_{18}N_5O_{12}P_3S$ (free acid)

Molecular Weight: 537.27 g/mol (free acid)

Exact Mass: 536.99 g/mol (free acid)

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_{max} 257 nm, ε 8.8 L $mmol^{-1}$ cm^{-1} (Tris-HCl pH 7.5), λ_{max} 342 nm, ε 24.8 L $mmol^{-1}$ cm^{-1} (Tris-HCl pH 7.5)