



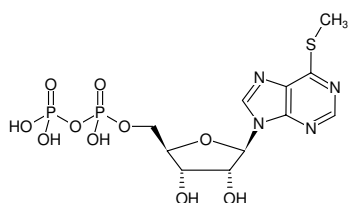
## 6-Methylthio-IDP

6-Methylthioinosine-5'-diphosphate, Sodium salt  
6-Methylmercapto-9-(β-D-ribofuranosyl)purine-5'-diphosphate

Cat. No.	Amount
NU-1132S	100 µl (10 mM)
NU-1132L	5 x 100 µl (10 mM)

### Selected References:

Lavi *et al.* (1985) A rapid and sensitive high-performance liquid chromatographic assay for 6-mercaptapurine metabolites in red blood cells. *Anal. Biochem.* **144** (2):514.



Structural formula of 6-Methylthio-IDP

### 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>16</sub>N<sub>4</sub>O<sub>10</sub>P<sub>2</sub>S (free acid)

**Molecular Weight:** 458.27 g/mol (free acid)

**Exact Mass:** 458.01 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<sub>max</sub> 224/292 nm, ε 11.5/19.0 L mmol<sup>-1</sup> cm<sup>-1</sup> (Tris-HCl pH 7.5)