

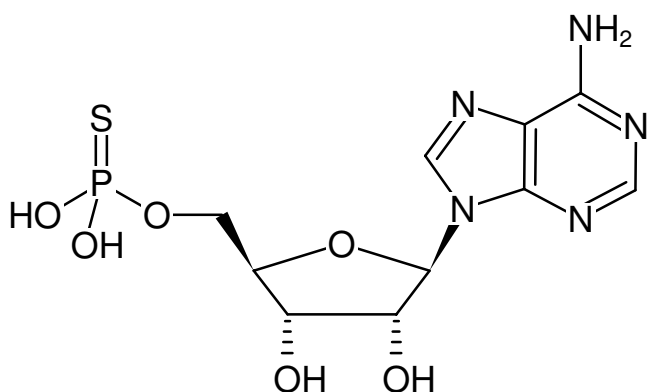
**AMP α S - Solid**Adenosine-5'-(α -thio)-monophosphate, Sodium salt

Cat. No.	Amount
NU-1161-25	25 mg

Selected References:

Singh *et al.* (2011) Structural basis of the inhibition of class C acid phosphatases by adenosine 5'-phosphorothioate. *FEBS J* **278** (22):4374.

Murray *et al.* (1968) Adenosine 5'-phosphorothioate. A nucleotide analog that is a substrate, competitive inhibitor, or regulator of some enzymes that interact with adenosine 5'-phosphate. *Biochemistry* **7** (11):4023.

Structural formula of AMP α S - Solid**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:** C₁₀H₁₄N₅O₆PS (free acid)**Molecular Weight:** 363.28 g/mol (free acid)**Exact Mass:** 363.04 g/mol (free acid)**Purity:** \geq 95 % (HPLC)**Form:** solid**Color:** white to off-white**Spectroscopic Properties:** λ_{max} 259 nm, ϵ 15.4 L mmol⁻¹ cm⁻¹ (Tris-HCl pH 7.5)