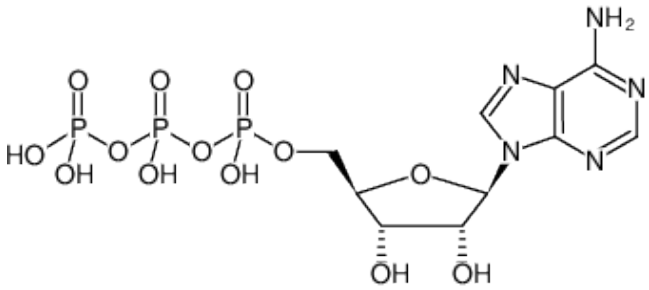
DATA SHEET

Jena Bioscience

ATP - Solid

Adenosine 5'-triphosphate, Sodium salt

Cat. No.	Amount
NU-1049-1G	1 g
NU-1049-100G	100 g
NU-1049-10G	10 g



Structural formula of ATP - Solid

For general laboratory use.

Shipping: Shipped on gel packs

Storage Conditions: Store at -20 °C

Shelf Life: 12 months

Molecular Formula: $C_{10}H_{16}N_5O_{13}P_3$ (free acid)

Molecular Weight: 507.18 g/mol (free acid)

Exact Mass: 507.00 g/mol (free acid)

CAS#: 987-65-5

Purity: ≥ 98 % (HPLC)

Form: Powder

Color: White

Solubility: Soluble in water. Clear solution.

Spectroscopic Properties: λ_{max} 259 nm, ε 15.1 L $mmol^{-1}$ cm^{-1} (Tris-HCl pH 7.0)

Quality Control Specifications: in vitro transcription (T7 RNA polymerase): visible RNA fragments after 5 min incubation, Proteases: not detectable