

## Adenosine 5'-triphosphate disodium salt (ATP)

Cat. # BSA04

Upon arrival store at 4°C (desiccated)

See datasheet for storage after reconstitution

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### Material

Adenosine 5'-triphosphate (ATP) is supplied as a white powder. The compound is derived from a microbial source. The molecular weight of the compound is 551.14. Chemical formula  $C_{10}H_{14}N_5Na_2O_{13}P_3 \cdot xH_2O$ . CAS # 42373-41-1.

### Storage and Reconstitution

Briefly centrifuge to collect the product at the bottom of the tube. The lyophilized compound, when stored desiccated to <10% humidity at 4°C is stable for 6 months. The ATP should be reconstituted to 100 mM with 1 ml of cold 100mM Tris pH 7.5. The ATP should then be aliquoted into experiment sized amounts, snap frozen in liquid nitrogen and stored at or below -20°C. The ATP stock is stable for 6 months if stored at or below -20°C.

### Purity

Compound is greater than 99% pure as determined by HPLC analysis.

### Product Citations / Related Products

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