Adenosine 5'-triphosphate disodium salt (ATP)

Cat. # BSA04

Upon arrival store at 4°C (desiccated)
See datasheet for storage after reconstitution

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 C₁₀H₁₄N₅Na₂O₁₃P₃. xH₂O. 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.

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