ATP - lyophilized
Adenosine 5′-triphosphate, sodium salt

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>NU-1010-10G</td>
<td>10 g</td>
</tr>
<tr>
<td>NU-1010-100G</td>
<td>100 g</td>
</tr>
</tbody>
</table>

Structural formula of ATP - lyophilized

For research use only!

Shipping: shipped on blue ice
Storage Conditions: store at -20 °C
Shelf Life: 12 months
Molecular Formula: C_{10}H_{14}N_{5}Na_{2}O_{13}P_{3} \cdot 3H_{2}O
Molecular Weight: 605.18 g/mol
CAS#: 51963-61-2
Purity: > 95% (HPLC)
Form: lyophilized

Spectroscopic Properties: λ_{max} 259 nm; ε 15.1 mmol⁻¹ cm⁻¹ (Tris-HCl pH 7.0)

Applications:
- ATP-sensitive calcium channels[1]
- V-ATPases (cellular proton pumps)[2]
- ATP-coupled chromatin remodelling[3]
- ATP-binding cassette transporters[4]
- ATP-grasp enzymes[5]

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

Selected References: