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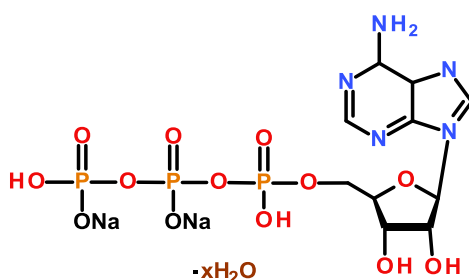
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## Product Specifications

### Adenosine 5'-Triphosphate Disodium Salt Hydrate

CAS 34369-07-8

Structure:



Mol. Formula  
Source

$C_{10}H_{14}N_5Na_2O_{13}P_3 \cdot xH_2O$   
Synthetic

Mol. Wt.

551.14

<i>Test</i>	<i>Specification</i>
<b>Identity</b>	IR, NMR
<b>Appearance</b>	White crystalline solid
<b>Solubility</b> (50 mg/mL, H <sub>2</sub> O)	Clear, colorless solution
<b>Mp</b>	176 °C (dec.) (Lit.)
<b>Purity</b> (hplc)	≥ 99%
<b>Moisture</b> (NMR)	< 12 %
<b>% Solvent</b> (NMR)	< 3%
<b>UV-Vis</b> (EmM = 15 @ λ = 258-260 nm in 0.1 Phosphate, pH 7.0, dry basis)	97.5-100.5%
<b>Heavy metals</b>	< 10 ppm

*Storage:* Maintain in cool, dry containment.