Creative Enzymes®

ATP disodium salt trihydrate

Cat. No. ASTH-0001

Lot. No. (See product label)

Introduction

Description	ATP disodium salt trihydrate is the crystalline disodium trihydrate form of adenosine 5′-triphosphate, supplied as a water-soluble nucleotide coenzyme for biochemical applications.
Applications	ATP-dependent biochemical assays and enzymatic reaction systems.
Synonyms	Adenosine 5′-triphosphate disodium salt trihydrate ATP disodium trihydrate

Product Information

Appearance	White to off-white crystalline powder
Form	Solid
CAS No.	51963-61-2
Molecular Formula	$C_{10}H_{14}N_5Na_2O_{13}P_3 \cdot 3H_2O$
Chemical Name	Adenosine 5′-triphosphate disodium salt trihydrate
Molecular Weight	605.19 g/mol
Structure	Disodium salt of adenosine 5′-triphosphate with three waters of crystallization.
Function	Nucleotide coenzyme and phosphate-group donor.
Solubility	Soluble in water.
Quality	Trihydrate form
Notes	Hygroscopic; minimize exposure to moisture during handling.

Storage and Shipping Information

Storage	Store at -20°C in a tightly closed container and protect from moisture.