

Adenosine 5'-Triphosphate Disodium Salt

Cat. No. CEGZ-6455

Lot. No. (See product label)

Introduction

Description

Adenosine 5'-triphosphate disodium is a disodium nucleotide salt supplied as a white to off-white crystalline powder with a dried-basis assay of at least 95.0%.

Applications

ATP-dependent enzyme assays; phosphorylation and energy-metabolism studies; biochemical and formulation research.

Synonyms

ATP disodium salt

Product Information

Appearance

White to off-white crystalline powder

Form

Crystalline powder

CAS No.

987-65-5

Molecular Formula

$C_{10}H_{14}N_5Na_2O_{13}P_3$

Chemical Name

Adenosine 5'-triphosphate disodium salt

Purity

$C_{10}H_{14}N_5Na_2O_{13}P_3 \geq 95.0\%$ on a dried basis

Impurities

Loss on drying: $\leq 8\%$

Contaminants

Heavy metals: ≤ 10 ppm

Usage and Packaging

Package

25 kg drum; other packaging available on request

Storage and Shipping Information

Storage

Store in a cool, shaded place away from direct sunlight.

Stability

Shelf life: 18 months