Creative Enzymes®

Adenosine Purine Nucleoside

Cat. No. CEGZ-6457

Lot. No. (See product label)

Introduction

Description	Adenosine is a purine nucleoside composed of adenine linked to ribose through a β-N9 glycosidic bond and is supplied as a white to off-white crystalline powder.
Applications	Purine-metabolism and nucleoside-enzyme studies; nucleotide synthesis; biochemical and pharmaceutical research.
Synonyms	β-D-Ribofuranosyladenine

Product Information

Appearance	White to off-white crystalline powder
Form	Crystalline powder
CAS No.	58-61-7
Molecular Formula	$C_{10}H_{13}N_5O_4$
Chemical Name	Adenosine
Purity	≥99% (HPLC)
Impurities	Loss on drying: ≤0.5%
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: 24 months