

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	$\geq 99\%$ (HPLC)
Impurities	Loss on drying: $\leq 0.5\%$
Contaminants	Heavy metals: ≤ 10 ppm

Usage and Packaging

Package	25 kg drum; other packaging available on request
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Storage and Shipping Information

Storage	Store in a cool, shaded place away from direct sunlight.
Stability	Shelf life: 24 months