Creative Enzymes®

β-NADH

Cat. No. NHGZ-0001

Lot. No. (See product label)

Introduction

Description	β-NADH is the reduced disodium salt form of nicotinamide adenine dinucleotide and functions as an electron-donating coenzyme in enzyme-catalyzed oxidation-reduction reactions.
Applications	Biochemical research; dehydrogenase assays; enzyme activity measurements; redox reaction studies.
Synonyms	β-Nicotinamide adenine dinucleotide, reduced disodium salt; β-DPNH; Coenzyme I, reduced disodium salt; Dihydronicotinamide adenine dinucleotide disodium salt

Product Information

Appearance	White to pale yellow powder.
Form	Powder
CAS No.	606-68-8
Molecular Formula	$C_{21}H_{27}N_7Na_2O_{14}P_2$
Chemical Name	β-Nicotinamide adenine dinucleotide, reduced disodium salt
Molecular Weight	709.40 g/mol (anhydrous basis)
Function	Electron donor and reduced coenzyme for oxidoreductase reactions.
Solubility	Soluble in water.

Usage and Packaging

Preparation Instructions	Prepare solutions immediately before use and use them promptly.