

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; Dihyronicotinamide adenine dinucleotide disodium salt

Product Information

Appearance

White to pale yellow powder.

Form

Powder

CAS No.

606-68-8

Molecular Formula

C₂₁H₂₇N₇Na₂O₁₄P₂

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.