

3-Acetylpyridine-Adenine Dinucleotide, Reduced (APADH)

Cat. No. NATE-0078

Lot. No. (See product label)

Introduction

Description

Molecular Formula: C₂₂H₂₈N₆O₁₄P₂

Synonyms

aldehyde reductase; ADH; alcohol dehydrogenase (NAD); aliphatic alcohol dehydrogenase; ethanol dehydrogenase; NAD-dependent alcohol dehydrogenase; NAD-specific aromatic alcohol dehydrogenase; NADH-alcohol dehydrogenase; NADH-aldehyde dehydrogenase; primary alcohol dehydrogenase; yeast alcohol dehydrogenase; EC 1.1.1.1; APADH

Product Information

EC Number

EC 1.1.1.1

CAS No.

102029-93-6

Molecular Weight

708.42

Purity

Determined by decrease in absorbance at 363 nm on enzymatic oxidation with ADH* at pH 7.5 (> 92%) *ADH = Alcohol dehydrogenase (horse liver) (EC 1.1.1.1.)

Structure

C₂₂H₂₈N₆O₁₄P₂Na₂

Specificity

Water content: < 8% by Karl Fischer; Sodium content: 6.2 ± 2.0% by flame photometry

Storage and Shipping Information

Storage

Keep tightly stoppered in the dark below -20°C. Moisture will reduce the purity. For Prolonged storage, keep below -80°C.