

3-Acetylpyridine-adenine dinucleotide phosphate, reduced form, tetrasodium salt (APADPH)

Cat. No. NATE-0080

Lot. No. (See product label)

Introduction

Description Molecular Formula: C₂₂H₃₂N₆O₁₇P₃

Synonyms APADPH

Product Information

EC Number EC 1.1.1.1

Molecular Weight 745.45 (as anhydrous free acid) 886.41 (APADPH.Na₄.3H₂O)

Purity > 92% when determined by enzymatic analysis with glutamate dehydrogenase at pH 7.5

Structure C₂₂H₃₂N₆O₁₇P₃

Specificity Water content: < 8% by Karl Fischer method; Sodium content: 10.0 ± 2.0% by atomic absorption spectrophotometry

Storage and Shipping Information

Storage Keep tightly stoppered in the dark below 5°C. Moisture will accelerate the purity reduction. For prolonged storage keep below - 20°C