



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

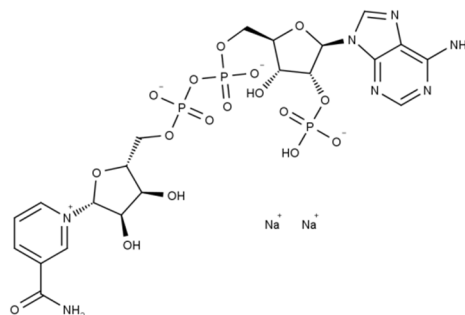
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NADP⁺, disodium salt

Catalog No: 62263
Lot No: XXXXX
Cas No: 24292-60-2
Formula: C₂₁H₂₆N₇O₁₇P₃ · 2Na
MW: 787.4
Supplied as: solid
Stability: store at -20°C



Background

Nicotinamide adenine dinucleotide phosphate, abbreviated NADP⁺ or, in older notation, TPN (triphosphopyridine nucleotide), is a coenzyme used in anabolic reactions, such as lipid and nucleic acid synthesis, which require NADPH as a reducing agent. NADPH is the reduced form of NADP⁺. NADP⁺ differs from NAD⁺ in the presence of an additional phosphate group on the 2' position of the ribose ring that carries the adenine moiety.

Tests

Appearance:
Appearance of solution (50 mg/ml):
Water content (K.F.):
Assay of NADP, di-Na (enzym.):
NADP (enzym., abs. at 340 nm):
NADP (abs. at 260 nm):
NAD (enzym.):
A₃₆₀ (10 mg/ml water)
A₃₄₀ (0.01 mg/ml, pH 7.0)
Na content (flame photometry):
Methanol (GC):

Specifications

yellowish amorphous powder
 clear, colourless to slightly yellowish
 ≤6%
 ≥97% (calc. on dry basis)
 ≥85%
 ≥85%
 ≤0.5%
 ≤0.6
 ≤0.005
 4 - 5%
 ≤3%

Usage

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