

β-NAD (≥98%, Reagent grade)

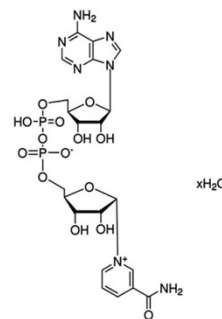
产品编号	产品名称	包装
ST2213-250mg	β-NAD (≥98%, Reagent grade)	250mg
ST2213-1g	β-NAD (≥98%, Reagent grade)	1g
ST2213-5g	β-NAD (≥98%, Reagent grade)	5g

产品简介:

CAS Number	Chemical Formula	Molecular Weight	Purity	Grade
53-84-9	C ₂₁ H ₂₇ N ₇ O ₁₄ P ₂ ·xH ₂ O	663.43 (anhydrous basis)	≥98%	Reagent grade

➤ 基本信息(General Information):

Name (Chinese)	β-NAD
Name (English)	beta-Nicotinamide adenine dinucleotide hydrate
Specifications	Reagent grade, ≥98% (HPLC)
Chemical Formula	C ₂₁ H ₂₇ N ₇ O ₁₄ P ₂ ·xH ₂ O
Synonym (Chinese)	DPN, Diphosphopyridinnucleotid, NAD, 辅酶, 辅酶 1, 辅酶 A, β-NAD, 二磷酸吡啶核苷酸, β-DPN
Synonym (English)	beta-DPN; beta-NAD; Coenzyme 1; Cozymase; DPN; Diphosphopyridine nucleotide; NAD; Nadide
Beilstein Registry No.	-
EINECS Number	200-184-4
MDL Number	MFCD00036253
UNSPSC Code	12352111



➤ 产品描述(Description):

Application	以 β-烟酰胺腺嘌呤二核苷酸水合物为测试化合物, 研究了 NADH 电催化剂的结构和电学性质。
Biochem/physiol Actions	电子受体
Biochem/physiol Actions	β-烟酰胺腺嘌呤二核苷酸是乙醇脱氢酶的辅助因子, 在内脏平滑肌中起抑制性神经递质的作用。
Other Notes	本品是普通型 NAD。

➤ 性质(Properties):

impurities	≤4% water
solubility	H ₂ O: freely soluble
solubility	H ₂ O: soluble 0.1 g/mL at 20°C, clear
cation traces	Zn: ≤50 mg/kg
cation traces	Cd: ≤50 mg/kg
cation traces	Cu: ≤50 mg/kg
Gene Information	human ... ESR1(2099), ESR2(2100)
cation traces	Pb: ≤50 mg/kg
cation traces	Ni: ≤50 mg/kg
cation traces	Ca: ≤200 mg/kg
cation traces	Mg: ≤100 mg/kg
cation traces	K: ≤50 mg/kg
cation traces	Co: ≤50 mg/kg
cation traces	Na: ≤1000 mg/kg

storage temp.	-20°C
cation traces	Mn: ≤50 mg/kg
cation traces	Cr: ≤50 mg/kg
cation traces	Fe: ≤50 mg/kg
absorbance ratio	A250/260 nm 0.83 +/-0.03
absorbance ratio	A280/260 nm 0.22 +/-0.02
assay	≥95% (HPLC)

➤ **安全信息(Safety Information):**

Hazard Pictogram Codes	-
Signal Word	-
Hazard Statements	-
Precautionary Statements	-
Personal Protective Equipment	Eyeshields,, Gloves,, type N95 (US),
Hazard Codes (Europe)	-
Risk Codes (Europe)	-
Safety Codes (Europe)	-
RIDADR	NONH for all modes of transport
WGK Germany	3
RTECS	UU3450000
Flash Point (F)	-
Flash Point (C)	-

包装清单:

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—	说明书	1份

保存条件:

-20°C保存。

注意事项:

- 本产品仅限于专业人员的科学研究用，不得用于临床诊断或治疗，不得用于食品或药品，不得存放于普通住宅内。
- 为了您的安全和健康，请穿实验服并戴一次性手套操作。

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