BioVision

06/15

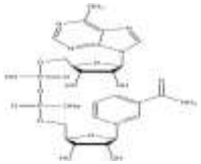
Product: β-Nicotinamide adenine dinucleotide sodium salt

ALTERNATE NAME: β-DPN, β-NAD, Coenzyme 1, Cozymase, DPN, Diphosphopyridine nucleotide, NAD, Nadide

CATALOG #: 9457-1G, 5G, 25G

AMOUNT: 1 g, 5 g, 25 g

STRUCTURE:



MOLECULAR FORMULA: $C_{21}H_{26}N_7NaO_{14}P_2$

MOLECULAR WEIGHT: 685.41

CAS NUMBER: 20111-18-6

APPEARANCE: White to off-white solid

SOLUBILITY: H_2O (50 mg/ml)

PURITY: ≥95% by HPLC

STORAGE: Store at -20 ℃. Protect from air and moisture

DESCRIPTION: β-Nicotinamide adenine dinucleotide sodium is the most common form of NAD. NAD can be reduced to NADH during coupling with reactions which oxidize various organic substrates. NADH then passes to the inside of mitochondria where it donates the electrons it is carrying to the electron transport chain. In this manner, NAD acts as an intermediate energy storage compound that indirectly generates ATP.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

β-Nicotinamide mononucleotide **(Cat. No. 2733-25, 100, 250)**
β-Nicotinamide adenine dinucleotide sodium salt **(Cat. No. 2733-25, 100, 250)**
β-NAD **(Cat. No. 2734-100, 250, 1000)**
NADH **(Cat. No. 2735-500, 1000, 5000)**
NADP, disodium salt **(Cat. No. 2736-500, 1000, 5000)**
NADP, sodium salt **(Cat. No. 2737-500, 1000, 5000)**
NADPH, tetrasodium salt (**Cat. No. 2738-50, 250, 1000)**

FOR RESEARCH USE ONLY! Not to be used on humans.

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