

NADH

Chemical Properties

CAS No. : 58-68-4

Formula: C₂₁H₂₉N₇O₁₄P₂

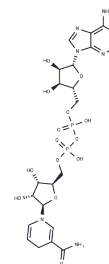
Molecular Weight: 665.44

Storage:

Keep away from direct sunlight, Keep away from moisture, Store at low temperature, Store under nitrogen

Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	NADH is a reduced coenzyme that can be taken orally. It serves as a donor of ADP-ribose units in ADP-ribosylation reactions and is a precursor of cyclic ADP-ribose. Additionally, NADH functions as a regenerative electron donor in cellular energy metabolism, including glycolysis, β -oxidation, and the tricarboxylic acid (TCA) cycle.
Targets(IC50)	Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5028 mL	7.5138 mL	15.0277 mL
5 mM	0.3006 mL	1.5028 mL	3.0055 mL
10 mM	0.1503 mL	0.7514 mL	1.5028 mL
50 mM	0.0301 mL	0.1503 mL	0.3006 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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