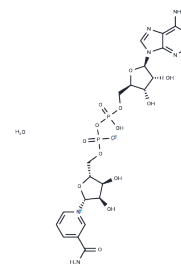


NAD<sup>+</sup> (Standard)

## Chemical Properties

CAS No. :	53-84-9
Formula:	C <sub>21</sub> H <sub>27</sub> N <sub>7</sub> O <sub>14</sub> P <sub>2</sub>
Molecular Weight:	663.43
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	NAD <sup>+</sup> (Standard) is a reference standard for research and analysis in studies involving NAD <sup>+</sup> . NAD <sup>+</sup> (β-Nicotinamide Adenine Dinucleotide) is a coenzyme that transmits hydrogen ions and is involved in redox reactions in cells. NAD <sup>+</sup> is involved in glycolysis, the citric acid cycle, fatty acid oxidation, etc. NAD <sup>+</sup> accepts electrons from other molecules to form NADH, which then acts as a reducing agent to give electrons.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5073 mL	7.5366 mL	15.0732 mL
5 mM	0.3015 mL	1.5073 mL	3.0146 mL
10 mM	0.1507 mL	0.7537 mL	1.5073 mL
50 mM	0.0301 mL	0.1507 mL	0.3015 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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