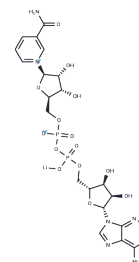


NAD<sup>+</sup> lithium

## Chemical Properties

CAS No. :	64417-72-7
Formula:	C <sub>21</sub> H <sub>26</sub> LiN <sub>7</sub> O <sub>14</sub> P <sub>2</sub>
Molecular Weight:	669.36
Storage:	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	NAD <sup>+</sup> lithium (β-DPN lithium) is the lithium salt form of nicotinamide adenine dinucleotide. This coenzyme plays a crucial role in redox reactions and can directly or indirectly influence various key cellular functions, such as metabolic pathways, DNA repair, chromatin remodeling, cell aging, and immune cell functions.
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.494 mL	7.4698 mL	14.9396 mL
5 mM	0.2988 mL	1.494 mL	2.9879 mL
10 mM	0.1494 mL	0.747 mL	1.494 mL
50 mM	0.0299 mL	0.1494 mL	0.2988 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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