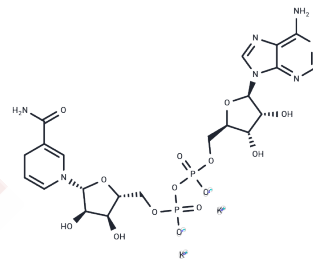


β -Nicotinamide adenine dinucleotide reduced dipotassium

Chemical Properties

CAS No. :	104809-32-7
Formula:	C ₂₁ H ₂₇ K ₂ N ₇ O ₁₄ P ₂
Molecular Weight:	741.62
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	β -Nicotinamide adenine dinucleotide reduced dipotassium is an orally active, reduced coenzyme that functions as a donor of ADP-ribose units in ADP-ribosylation reactions and as a precursor of cyclic ADP-ribose. It also serves as a regenerative electron donor in essential cellular energy metabolism processes, including glycolysis, β -oxidation, and the tricarboxylic acid (TCA) cycle [1].
Targets(IC50)	Others,Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3484 mL	6.742 mL	13.484 mL
5 mM	0.2697 mL	1.3484 mL	2.6968 mL
10 mM	0.1348 mL	0.6742 mL	1.3484 mL
50 mM	0.027 mL	0.1348 mL	0.2697 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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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481