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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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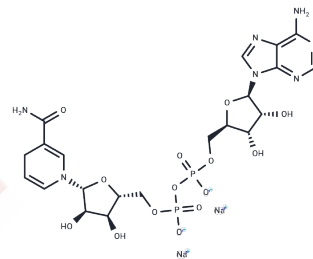
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NADH disodium salt

Chemical Properties

CAS No. :	606-68-8
Formula:	C ₂₁ H ₂₇ N ₇ Na ₂ O ₁₄ P ₂
Molecular Weight:	709.4
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	NADH disodium salt hydrate is a coenzyme of oxidoreductase. NADH acts as a regenerative electron donor during catabolic processes including glycolysis, the citric acid cycle and beta-oxidation.
Targets(IC50)	Others,Endogenous Metabolite

Solubility Information

Solubility	DMSO: 55 mg/mL (77.53 mM), H2O: 250 mg/mL (352.40 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4096 mL	7.0482 mL	14.0964 mL
5 mM	0.2819 mL	1.4096 mL	2.8193 mL
10 mM	0.141 mL	0.7048 mL	1.4096 mL
50 mM	0.0282 mL	0.141 mL	0.2819 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.

Reference

Kim MS, et al. Enzymatic properties of the membrane-bound NADH oxidase system in the aerobic respiratory chain of *Bacillus cereus*. J Biochem Mol Biol. 2004 Nov 30;37(6):753-6.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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