

Carba-NAD sodium

Chemical Properties

CAS No. :

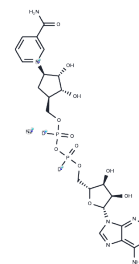
Formula: C₂₂H₂₈N₇NaO₁₃P₂

Molecular Weight: 683.43

Keep away from moisture

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	Carba-NAD sodium is a carbocyclic analog of NAD ⁺ and is a good competitive inhibitor of calf spleen NAD ⁺ glycohydrolase.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4632 mL	7.316 mL	14.6321 mL
5 mM	0.2926 mL	1.4632 mL	2.9264 mL
10 mM	0.1463 mL	0.7316 mL	1.4632 mL
50 mM	0.0293 mL	0.1463 mL	0.2926 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.

Reference

Slama JT, et al. Inhibition of NAD glycohydrolase and ADP-ribosyl transferases by carbocyclic analogues of oxidized nicotinamide adenine dinucleotide. *Biochemistry*. 1989 Sep 19;28(19):7688-94.

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