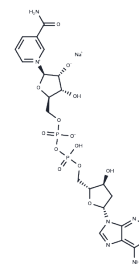


2'-Deoxy-NAD⁺ sodium

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 1514900-83-4 |
| Formula: | C ₂₁ H ₂₆ N ₇ NaO ₁₃ P ₂ |
| Molecular Weight: | 669.41 |
| 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 | 2'-Deoxy-NAD ⁺ sodium is the sodium salt form of 2'-Deoxy-NAD ⁺ . It acts as a non-competitive inhibitor of NAD ⁺ with a K _i of 32 μM. Additionally, 2'-Deoxy-NAD ⁺ sodium can be utilized as a substrate for studying ADP-ribosyltransferase reactions. |
| Targets(IC ₅₀) | Endogenous Metabolite |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|------------|
| 1 mM | 1.4939 mL | 7.4693 mL | 14.9385 mL |
| 5 mM | 0.2988 mL | 1.4939 mL | 2.9877 mL |
| 10 mM | 0.1494 mL | 0.7469 mL | 1.4939 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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