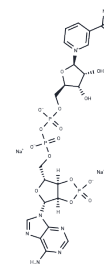


## 2',3'-Cyclic NADP disodium

### Chemical Properties

CAS No. :	100929-77-9
Formula:	C <sub>21</sub> H <sub>24</sub> N <sub>7</sub> Na <sub>2</sub> O <sub>16</sub> P <sub>3</sub>
Molecular Weight:	769.69
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',3'-Cyclic NADP disodium (2',3'-cNADP <sup>+</sup> ; β-Nicotinamide adenine dinucleotide-2',3'-cyclic phosphate) is a substrate of 2',3'-cyclic nucleotide 3'-phosphodiesterase (CNP), an enzyme abundantly found in the myelin. It is utilized in coupled enzyme assays for the quantification of CNP activity. At a concentration of 5 μM, 2',3'-cNADP disodium can enhance calcium release due to calcium overload and prevent calcium-induced swelling in rat brain mitochondria.
Targets(IC50)	Calcium Channel,PDE

### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2992 mL	6.4961 mL	12.9922 mL
5 mM	0.2598 mL	1.2992 mL	2.5984 mL
10 mM	0.1299 mL	0.6496 mL	1.2992 mL
50 mM	0.026 mL	0.1299 mL	0.2598 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**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481