

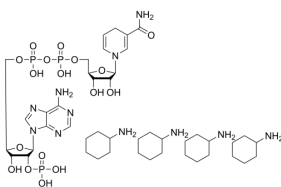
## NADPH (tetracyclohexanamine)

|                |   |
|----------------|---|
| Cat. No.:      | HY-F0003A   |
| CAS No.:       | 100929-71-3   |
| Batch No.:     | 392641  |
| Chemical Name: | Adenosine 5'-(trihydrogen diphosphate), 2'-(dihydrogen phosphate), P <sup>1</sup> →5'-ester with 1,4-dihydro-o-1-β-D-ribofuranosyl-3-pyridinecarboxamide, compd. with cyclohexanamine (1:4) |

### PHYSICAL AND CHEMICAL PROPERTIES

|                    |  |
|--------------------|--|
| Molecular Formula: | C <sub>45</sub> H <sub>82</sub> N <sub>11</sub> O <sub>17</sub> P <sub>3</sub>   |
| Molecular Weight:  | 1142.12  |
| Storage:           | 4°C, sealed storage, away from moisture<br>* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture) |

### Chemical Structure:



### ANALYTICAL DATA

|                              |   |
|------------------------------|---|
| Appearance:                  | White to light yellow (Solid)   |
| <sup>1</sup> H NMR Spectrum: | Consistent with structure   |
| LCMS:                        | Consistent with structure   |
| Purity (LCMS):               | 99.86%  |
| Conclusion:                  | The product has been tested and complies with the given specifications. |

**Caution: Product has not been fully validated for medical applications. For research use only.**

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