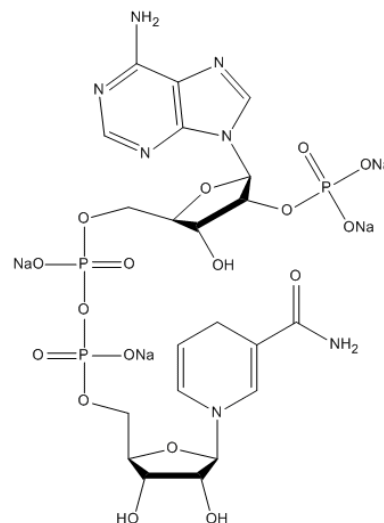


## NADPH, tetrasodium salt

Catalog Number: BC-0943

CAS Number: 2646-71-1

Price: [Online Inquiry](#)



| Catalog Number | Price                          |
|----------------|--------------------------------|
| BC-0943        | <a href="#">Online Inquiry</a> |

| Product Information |                                                                                                                                                                                                                                                                                                                                                        |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Molecular Formula   | C <sub>21</sub> H <sub>26</sub> N <sub>7</sub> Na <sub>4</sub> O <sub>17</sub> P <sub>3</sub>                                                                                                                                                                                                                                                          |
| Molecular Weight    | 833.35                                                                                                                                                                                                                                                                                                                                                 |
| Purity              | ≥95% by HPLC                                                                                                                                                                                                                                                                                                                                           |
| SMILES              | <chem>C1C=CN(C=C1C(=O)N)C2C(C(C(O2)COP(=O)([O-])OP(=O)([O-])OCC3C(C(C(O3)N4C=NC5=C4N=CN=C5N)OP(=O)([O-])[O-])O)O).[Na+].[Na+].[Na+].[Na+]</chem>                                                                                                                                                                                                       |
| InChi               | InChI=1S/C21H30N7O17P3.4Na/c22-17-12-19(25-7-24-17)28(8-26-12)21-16(44-46(33,34)35)14(30)11(43-21)6-41-48(38,39)45-47(36,37)40-5-10-13(29)15(31)20(42-10)27-3-1-2-9(4-27)18(23)32;;;;/h1,3-4,7-8,10-11,13-16,20-21,29-31H,2,5-6H2,(H2,23,32)(H,36,37)(H,38,39)(H2,22,24,25)(H2,33,34,35);;;;/q;4*+1/p-4/t10-,11-,13-,14-,15-,16-,20-,21-;;;;/m1..../s1 |
| InChi Key           | WYWWVJHQDVCHKF-ITGWJZMWSA-J                                                                                                                                                                                                                                                                                                                            |
| Alternate Name      | β-NADPH, 2'-NADPH hydrate, Coenzyme II reduced tetrasodium salt, Dihydronicotinamide adenine dinucleotide phosphate tetrasodium salt, NADPH Na <sub>4</sub> , TPNH <sub>2</sub> Na <sub>4</sub> , Triphosphopyridine nucleotide reduced tetrasodium salt                                                                                               |
| Appearance          | White to yellowish powder                                                                                                                                                                                                                                                                                                                              |

| Properties         |       |
|--------------------|-------|
| Storage Conditions | -20°C |

|                     |                             |
|---------------------|-----------------------------|
| Shipping Conditions | Gel Pack                    |
| Solubility          | H <sub>2</sub> O (50 mg/ml) |