

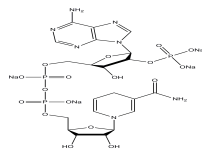
## Product: NADPH, tetrasodium salt

**ALTERNATE NAME:**  $\beta$ -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

**CATALOG #:** 2738-50, 250,1000

**AMOUNT:** 50 mg, 250 mg, 1 g

**STRUCTURE:**



**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

**CAS NUMBER:** 2646-71-1

**APPEARANCE:** White to yellowish powder

**SOLUBILITY:** H<sub>2</sub>O (50 mg/ml)

**PURITY:**  $\geq$ 95% by HPLC

**STORAGE:** Store at -20 °C. Protect from air and moisture

**DESCRIPTION:** NADPH is the reduced form of the coenzyme NADP<sup>+</sup>; used in anabolic reactions such as lipid and nucleic acid synthesis, which require NADPH as a reducing agent.

**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

### RELATED PRODUCTS:

$\beta$ -Nicotinamide mononucleotide (Cat. No. 2733-25, 100, 250)

$\beta$ -NAD (Cat. No. 2734-100, 250, 1000)

NADH (Cat. No. 2735-500, 1000, 5000)

NADP, disodium salt (Cat. No. 2736-500, 1000, 5000)

NADP, sodium salt (Cat. No. 2737-500, 1000, 5000)

NADPH, tetrasodium salt (Cat. No. 2738-50, 250, 1000)

**FOR RESEARCH USE ONLY! Not to be used on humans.**