

Product datasheet

NADPH, Coenzyme ab146317

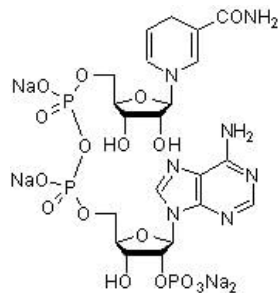
1 Image

Overview

Product name	NADPH, Coenzyme
Description	Coenzyme.
Biological description	Ubiquitous coenzyme and biological reducing agent that acts as an electron donor for many redox enzymes including nitric oxide synthetase. Generated by reduction of the electron acceptor NADP+. Involved in many pertinent biochemical pathways, including: formation of carbohydrate from CO ₂ during photosynthesis, maintenance of high levels of reduced glutathione in erythrocytes, reduction of thioredoxin, and formation of free radicals in immune cells which are used to destroy pathogens.

Purity > 93%

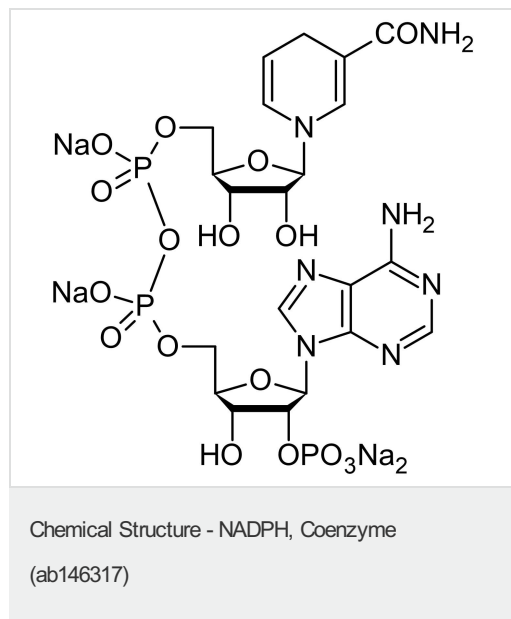
Chemical structure



Properties

Molecular weight	833.40
Molecular formula	C ₂₁ H ₂₆ N ₇ NNa ₄ O ₁₇ P ₃
Storage instructions	Store at -20°C. It is important to note that this product is reported to be light sensitive. Store In the Dark. Store under desiccating conditions.
Handling	<p>Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.</p> <p>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p>
Source	Synthetic

Images



2D chemical structure image of ab146317, NADPH, Coenzyme

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

Our Abpromise to you: Quality guaranteed and expert technical support

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