NMN

What is NMN?

NMN stands for nicotinamide mononucleotide, a molecule naturally occurring in all life forms. At the molecular level, it is a ribo-nucleotide, which is a basic structural unit of the nucleic acid RNA. Structurally, the molecule is composed of a nicotinamide group, a ribose and a phosphate group. NMN is the direct precursor of the essential molecule nicotinamide adenine dinucleotide (NAD+) and is considered a key component to increase NAD+ levels in cells.

What is Nicotinamide Adenine Dinucleotide (NAD+)?

NAD+ is an essential coenzyme required for life and cellular functions. Enzymes are catalysts that make biochemical reactions possible. Coenzymes are 'helper' molecules that enzymes need in order to function.

What Does NAD+ Do?

NAD+ is the most abundant molecule in the body besides water, and without it, an organism would die. NAD+ is used by many proteins throughout the body, such as the sirtuins, which repair damaged DNA. It is also important for mitochondria, which are the powerhouses of the cell and generate the chemical energy that our bodies use.

Indications:

- Boosts energy supply in aging cells
- Helps in fighting metabolic diseases
- Reactives faltering blood flow
- Suppresses age-related weight gain
- Boosts energy metabolism



PATIENT BENEFIT:



ANTI-AGING



METABOLISM