

NAD

PURITY
≥99%
纯度**CHIRAL PURITY**
≥99.99%
手性纯度

什么是NAD?

What is NAD ?

NAD全称β-烟酰胺腺嘌呤二核苷酸，还叫氧化型辅酶 I，在生物制药领域有重要作用即烟酰胺腺嘌呤二核苷酸。是一种转递电子，是体内很多脱氢酶的辅酶，连接三羧酸循环和呼吸链，其功能是将代谢过程中脱下来的氢传递给黄素蛋白。

β-nicotinamide adenine dinucleotide plays an important role in the field of biopharmaceutical. It is the coenzyme of many dehydrogenases in the body, which connects the tricarboxylic acid cycle and respiratory chain. Its transfers the hydrogen removed from the metabolism process to flavin protein.

规格 Specification

化学名称 / Chemical Name: β-烟酰胺腺嘌呤二核苷酸(氧化型辅酶 I)

β- Nicotinamide Adenine Dinucleotide

分子量 / Molecular Weight: 663.40

分子式 / Molecular Formula: $C_{21}H_{27}N_7O_{14}P_2$

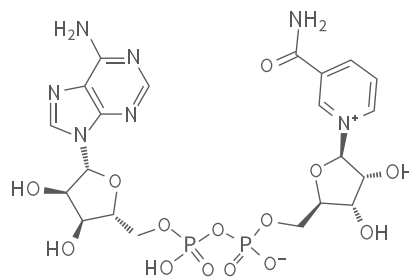
CAS No.: 53-84-9

功能

- 延缓细胞老化
- 改善代谢紊乱
- 促进物质与能量代谢
- 保护免疫细胞，增强免疫力
- 清除自由基，降低细胞损伤

Functions

- Anti aging
- Improve metabolic disorders
- Boost energy metabolism
- Protect immune cells and enhance immunity
- Scavenge free radicals and reduce cell damage



邦泰NAD产品特色优势

BONTAC NAD product features and advantages

- 全球100+企业稳定供应商
Stable supplier of 100+ enterprises around the world
- 独有晶型技术，产品溶解度更高
Unique crystal technology, higher product solubility
- 冻干干燥技术，确保产品质量稳定
Freeze drying technology to ensure stable product quality
- Bonzyme全酶法，绿色环保，无有害溶剂残留
“Bonzyme” Whole-enzymatic method, environmental-friendly, no harmful solvent residues
- 自有工厂，通过多项国际认证，确保产品高质量稳定供应
Self-owned factories with a number of international certifications, ensure high quality and stable supply of products
- 独有Bonpure七步纯化技术，产品含量更高，转化率更高
Unique “Bonpure” seven-step purification technology, higher product content and higher conversion rate

邦泰关于NAD的国际申请和授权专利

BONTAC's international application and authorized patents on NAD

- US10214556B2
- ZL201510255149.9
- ZL201880037981.3

NAD应用方向

NAD Application

- 动物健康
Animal health products
- 保健品原料
Raw materials of Nutritional supplements
- 化妆品原料
Raw materials of cosmetics
- 诊断试剂：乳酸脱氢酶测试盒
Diagnostic reagents: Lactate Dehydrogenase Assay Kit
- 酶催化原料：配合脱氢酶等，酶催化合成熊去氧胆酸（用于治疗固醇性胆结石、原发性胆汁性肝硬化等），L-叔亮氨酸，沙格列汀（II型糖尿病治疗）等原料药/中间体
Enzyme catalysis raw materials: Combined with dehydrogenases, etc., to catalyze and synthesize ursodeoxycholic acid (treatment of steroid gallstones, primary biliary cirrhosis, etc.), L-tert-leucine, Saxagliptin (Type II diabetes treatment) and other APIs/intermediates

