



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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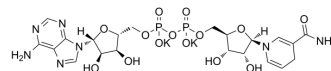
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## β-Nicotinamide adenine dinucleotide reduced dipotassium

Cat. No.:	HY-W250154
CAS No.:	104809-32-7
Molecular Formula:	C <sub>21</sub> H <sub>27</sub> K <sub>2</sub> N <sub>7</sub> O <sub>14</sub> P <sub>2</sub>
Molecular Weight:	742
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

β-Nicotinamide adenine dinucleotide reduced dipotassium is an orally active reduced coenzyme. β-Nicotinamide adenine dinucleotide reduced dipotassium is a donor of ADP-ribose units in ADP-ribosylation reactions and a precursor of cyclic ADP-ribose. β-Nicotinamide adenine dinucleotide reduced dipotassium plays a role as a regenerative electron donor in cellular energy metabolism, including glycolysis, β-oxidation and the tricarboxylic acid (TCA) cycle<sup>[1]</sup>.

### CUSTOMER VALIDATION

- Food Chem. 2023 May 5;423:136274.
- Biochemistry. 2023 Nov 10.
- Research Square Preprint. 2023 Sep 15.

See more customer validations on [www.MedChemExpress.com](http://www.MedChemExpress.com)

### REFERENCES

[1]. Ying W. NAD<sup>+</sup> and NADH in cellular functions and cell death. Front Biosci. 2006 Sep 1;11:3129-48.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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