
Product Data Sheet

Product Name: β -Nicotinamide adenine dinucleotide reduced dipotassium
Cat. No.: GC67484

Chemical Properties

Cas. No. 104809-32-7

Formula $C_{21}H_{27}K_2N_7O_{14}P_2$ M.Wt 741.62

Solubility Storage Store at $-20^{\circ}C$

General tips For obtaining a higher solubility , please warm the tube at $37^{\circ}C$ and shake it in the ultrasonic bath for a while. Stock solution can be stored below $-20^{\circ}C$ for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure

Background

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^[1].

[1]. Ying W. NAD⁺ 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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