2′-deoxy-NAD$^+$

N-2'-dAD is a 2'-deoxyadenosine version of the coenzyme nicotinamide adenine dinucleotide (β-NAD$^+$). It is considered to be a substrate for type III CD38 in the enzymatic production of the Transient Receptor Potential Melastatin 2 (TRPM2) channel superagonist dADPR (2'-deoxy-ADPR, Prod. No. BLG-D227). Both N-2'-dAD and dADPR were proved to be present in Jurkat T cells.

BLG-N065-05 (5 x 1 µmol pack size) is not sold in the U.S. or Canada. Please contact us for available options.

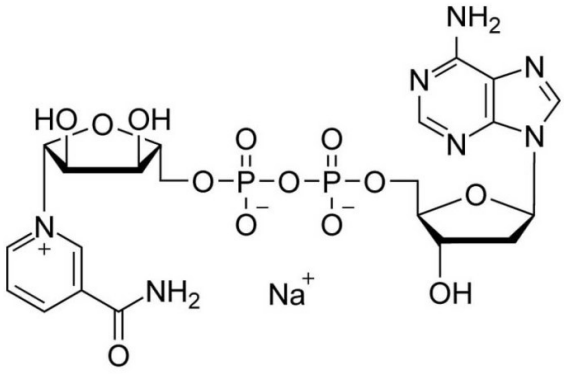
Ordering Information

Order Online »

BLG-N065-01	1µmol
BLG-N065-05	5x1µmol

Manuals, SDS & CofA

View Online »


NH2
N
N
N
N
HO
O
OH
O
P
O
O
P
O
O
O
O
N+
NH2
O
Na+
OH

Handling & Storage

Long Term Storage -80°C

Shipping Dry Ice

Regulatory Status RUO - Research Use Only

Product Details

Alternative Name N-2′-dAD+, β-Nicotinamide-2′-deoxyadenine dinucleotide . sodium salt

CAS 1514900-83-4

Formula $C_{21}H_{27}N_7O_{13}P_2$ (free acid)

MW 674.4 (free acid)

Purity > 95% HPLC

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