ara-2′-F-NAD$^+$

ara-2'-F-NAD$^+$ is an analogue of β-NAD$^+$ in which the nicotinamide-connected ribose is replaced by 2'-fluoro arabinose. Hydrolysis-resistant slow binding inhibitor of ADP-ribosyl cyclase (i.e. CD 38).

BLG-D148-005 (5 x 0.1 µmol pack size) is not sold in the U.S. or Canada. Please contact us for available options.

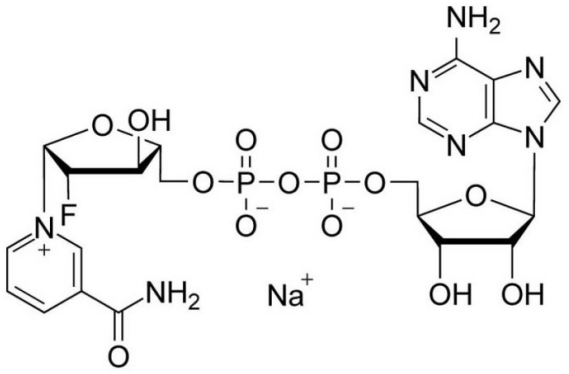
Ordering Information

Order Online »

BLG-D148-001	0.1µmol
BLG-D148-005	5x0.1µmol

Manuals, SDS & CofA

View Online »



Handling & Storage

Use/Stability	ara-2′-F-NAD+ aliquots (freeze-dried or in solution) are sufficiently stable to be stored up to 7 days at room temperature. Nevertheless, we recommend that the compound should be stored in the freezer, for longer storage periods preferably in freeze-dried form (-20 degrees Celsius necessary, -80 degrees Celsius recommended).
Long Term Storage	-80°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	β-ara-2′-Deoxy-2′-fluoro-nicotinamide adenine dinucleotide
Couple Type	Modified nucleotides
Formula	$C_{21}H_{26}FN_7O_{13}P_2$ (free acid)
MW	665.4 (free acid)
Purity	≥97% (HPLC)
Quantity	0.1µmol=~67µg
Solubility	Very well soluble in water and in aqueous solvents (>30mM).
Technical Info / Product Notes	λ_{max} = 260nm (ε 20,000, pH 7).

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