BAD

Analogue of β-NAD$^+$ with improved stability

BLG-B301-05 (5 x 1 µmol pack size) is not sold in the U.S. or Canada. Please contact us for available options.

Ordering Information

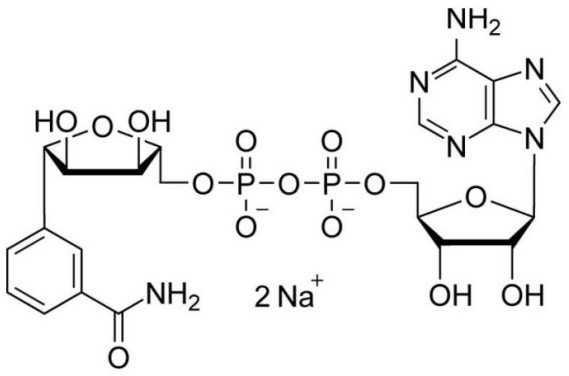
Order Online »

BLG-B301-01	1µmol
BLG-B301-05	5x1µmol

Manuals, SDS & CofA

View Online »

BAD is the biologically active metabolite of benzamide riboside and a potent inhibitor of inosine 5'-monophosphate dehydrogenase (IMPDH). It was also found to be a potent and competitive inhibitor of human NAD kinase (Ki = 90 µM) and, at higher concentration and to a lower extent, of the bacterial enzyme. Furthermore, BAD is a non-hydrolysable substrate/inhibitor of NADases and PARP enzymes. BAD was used in co-crystallization experiments with NADases and PARP1.


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

Handling & Storage

Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	β-Benzamide adenine dinucleotide . sodium salt
CAS	156724-91-3
Excitation Maximum	259 nm
Formula	$C_{22}H_{48}N_6O_{14}P_2$ (free acid)
MW	662.4 (free acid)
Purity	> 95% HPLC
Quantity	1 µmol / ~ 0.7 mg
Technical Info / Product Notes	For the Original Manufacturer's data sheet please click here.

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