2’/3′-O-Ac-ADPR / ADP-2’/3′-O-Ac-R

Analogue of ADPR and putative second messenger for characterization of receptor proteins

2'/3'-O-Ac-ADPR is an analogue of ADPR, that is generated from NAD+ by sirtuin-mediated protein deacetylation. 2'/3'-O-Ac-ADPR is a putative intracellular second messenger and has been reported to play a role in starfish oocyte maturation, to bind to a number of intracellular proteins, including heterochromatic proteins linked to X-chromosome inactivation and to activate the TRPM2 ion channel.

BLG-A405-25 (5 x 5 µmol pack size) is not sold in the U.S. or Canada. Please contact us for available options.

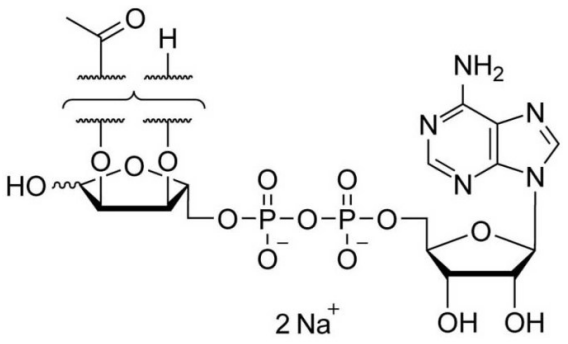
Ordering Information

Order Online »

BLG-A405-05	5µmol
BLG-A405-25	5x5µmol

Manuals, SDS & CofA

View Online »


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

Handling & Storage

Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	2′-/ 3′-O-Acetyladenosine-5′-O-diphosphoribose, Adenosine-5′-O-diphospho-2′-/ 3′-O-acetylribose . sodium salt
Appearance	Solid
CAS	642090-67-3
Couple Type	Modified nucleotides
Formula	$C_{17}H_{25}N_5O_{15}P_2$ (free acid)
MW	601.4 (free acid)
Purity	> 95% HPLC
Quantity	5µmol are equivalent to ~3 mg
Technical Info / Product Notes	For the Original Manufacturer's data sheet please click here.

ENZO LIFE SCIENCES, INC.
Phone: 800.942.0430
info-usa@enzolifesciences.com

European Sales Office
ENZO LIFE SCIENCES (ELS) AG
Phone: +41 61 926 8989
info-eu@enzolifesciences.com

Belgium, The Netherlands & Luxembourg
Phone: +32 3 466 0420
info-be@enzolifesciences.com

France
Phone: +33 472 440 655
info-fr@enzolifesciences.com

Germany
Phone: +49 7621 5500 526
info-de@enzolifesciences.com

UK & Ireland
Phone (UK customers): 0845 601 1488
Phone: +44 1392 825900
info-uk@enzolifesciences.com

For local distributors and detailed product information visit us online: enzo.com All product names, logos, and brands are the property of their respective owners.