8-NO_2-cGMP

Second messenger of NO

The nitrated derivative of cGMP, 8-NO2-cGMP (8-Nitro-cGMP), is considered to play an important role in NO-mediated signal transduction. Formation of protein Cys-cGMP adducts by 8-NO2-cGMP was identified as a new post-translational modification of proteins, which is called S-guanylation.

BLG-N011-25 (5 x 5 µmol pack size) is not sold in the U.S. or Canada. Please contact us for available options.

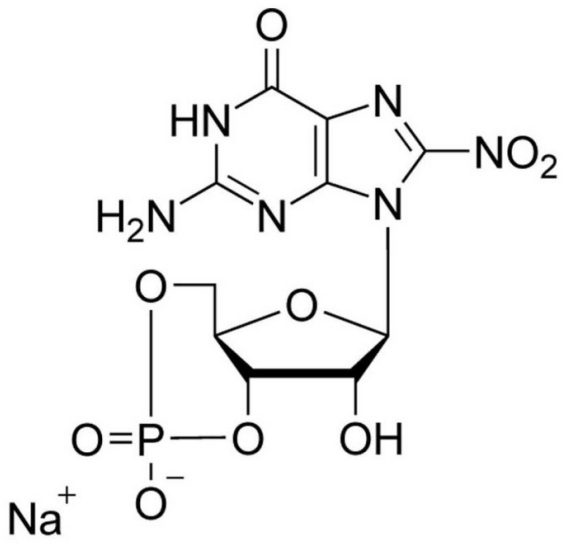
Ordering Information

Order Online »

BLG-N011-05	5µmol
BLG-N011-25	5x5µmol

Manuals, SDS & CofA

View Online »


O
HN
N
NO2
H2N
N
N
O
O
O=P—O
OH
O−
Na+

Handling & Storage

Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	8-Nitroguanosine-3′,5′-cyclic monophosphate . sodium salt
CAS	913645-39-3
Couple Type	Modified nucleotides
Formula	$C_{10}H_{10}N_6O_9P$. Na
MW	412.19
Purity	> 98% HPLC
Quantity	5µmol are equivalent to ~2.1 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

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