8-Br-TNP-GTP

Fluorescent GTP analogue

Fluorescent analogue of GTP with λexc 408 nm and λem 552 nm, which can substitute for GTP in the interaction with various enzymes and proteins. It is sensitive to indicators of local environment such as polarity and viscosity, and frequently exhibits a spectral shift and fluorescence enhancement upon binding to a protein. Potential inhibitor of various adenylyl isoforms and soluble guanylyl cyclase (sGC).

BLG-B153-05 (5 x 1 µmol pack size) is not sold in the U.S. or Canada. Please contact us for available options.

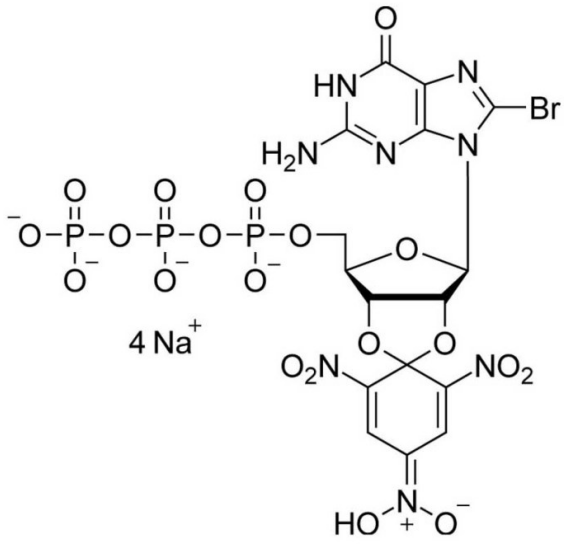
Ordering Information

Order Online »

BLG-B153-01	1µmol
BLG-B153-05	5x1µmol

Manuals, SDS & CofA

View Online »


O
HN
N
Br
H2N
N
N
O
O
O
O
O
O
O
O
O
O
O
O
4 Na+
O
O
O2N
NO2
HO
N
+
O
−

Handling & Storage

Long Term Storage	-80°C
Shipping	Dry Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	8-Bromo-2′,3′-O-(2, 4, 6-trinitrophenyl)guanosine-5′-O-triphosphate . sodium salt
Couple Type	Modified nucleotides
Formula	$C_{16}H_{16}BrN_8O_{20}P_3$
MW	813.17
Purity	> 95% HPLC
Quantity	1µmol is equivalent to ~0.8 mg

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