β-L-GTP

Ribose-modified GTP analogue

β-L-GTP is the mirror image version of naturally occurring β-D-GTP, where the guanine nucleobase is connected to β-L-ribose. Nucleoside triphosphate precursor for the formation of highly nuclease-resistant L-RNA. L-RNA is used and explored for biological applications like aptamers and drug nanocarriers. Useful for research into GTP-dependent receptor proteins.

BLG-G030-25 (5 x 5 µmol pack size) is not sold in the U.S. or Canada. Please contact us for available options.

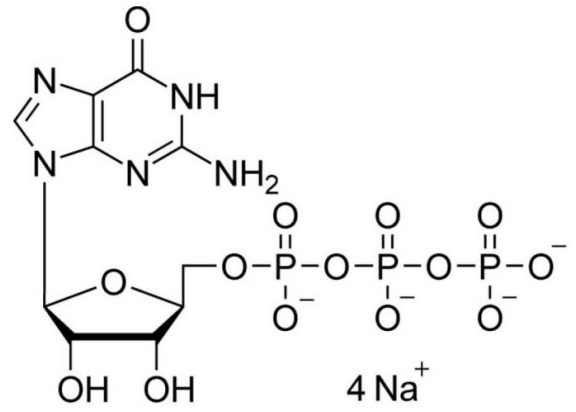
Ordering Information

Order Online »

BLG-G030-05	5µmol
BLG-G030-25	5x5µmol

Manuals, SDS & CofA

View Online »


O
N
NH
N
N
NH2
O
O
O
O
P
O
P
O
P
O
O
O
O
O
O
OH
OH
4 Na+

Handling & Storage

Long Term Storage	-80°C
Shipping	Dry Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	Guanine-β-L-ribofuranosyl-5′-O-triphosphate
CAS	784151-35-5
Couple Type	Modified nucleotides
Formula	$C_{10}H_{16}N_5O_{14}P_3$ (free acid)
MW	523.2 (free acid)
Purity	> 95% HPLC
Quantity	5µmol are equivalent to ~2.6 mg
Technical Info / Product Notes	For the Original Manufacturer's data sheet please click here.

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