3′-O-Bn-GTP

Ribose-modified GTP analogue

3'-O-Bn-GTP is an analogue of GTP where the ribose 3'-hydroxy group has been modified by an ether bond to a benzyl group. Significantly improved stability against esterases compared to other 2'/3'-esters of the ribose like MANT-GTP (Cat. M 032). Potential inhibitor of various adenylyl cyclase isoforms and soluble guanylyl cyclase (sGC).

BLG-B193-05 (5 x 1 µmol pack size) is not sold in the U.S. or Canada. Please contact us for available options.

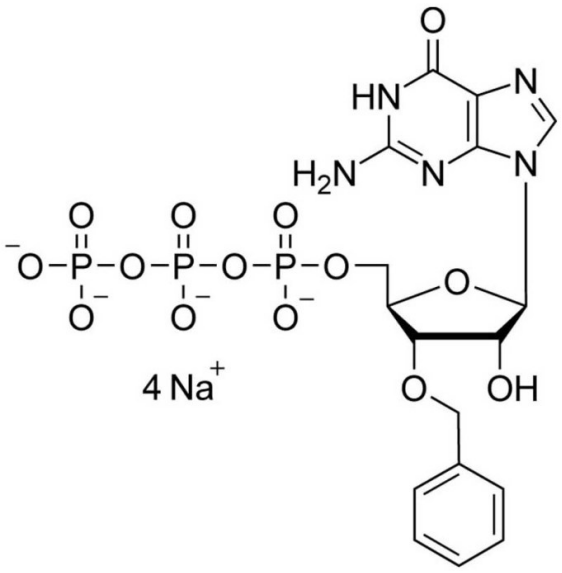
Ordering Information

Order Online »

BLG-B193-01	1µmol
BLG-B193-05	5x1µmol

Manuals, SDS & CofA

View Online »


O
HN
N
H2N
N
N
O
O
O
−O−P−O−P−O−P−O
O−
O−
O−
O
4 Na+
O
OH

Handling & Storage

Long Term Storage	-80°C
Shipping	Dry Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	3′-O-Benzylguanosine-5′-O-triphosphate . sodium salt
CAS	1610778-75-0
Couple Type	Modified nucleotides
Formula	$C_{17}H_{22}N_5O_{14}P_3$ (free acid)
Formulation	10 mM aqueous solution
MW	613.3 (free acid)
Purity	> 95% HPLC
Quantity	1 µmol is equivalent to ~0.6 mg

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