2′-O-Bn-3′-MANT-GTP

Ribose-modified fluorescent GTP analogue

2'-O-Bn-3'-MANT-GTP is a fluorescent (λexc 350 nm; λem 442 nm) analogue of GTP where the ribose hydroxy groups have been modified by an ether bond to a benzyl group and an ester bond to a fluorescent MANT group, respectively. Significantly improved stability against esterases compared to other 2'/3'-esters of the ribose like MANT-GTP (Cat. No. M 032). Potential inhibitor of various adenylyl cyclase isoforms and soluble guanylyl cyclase (sGC).

BLG-B187-05 (5 x 1 µmol pack size) is not sold in the U.S. or Canada. Please contact us for available options.

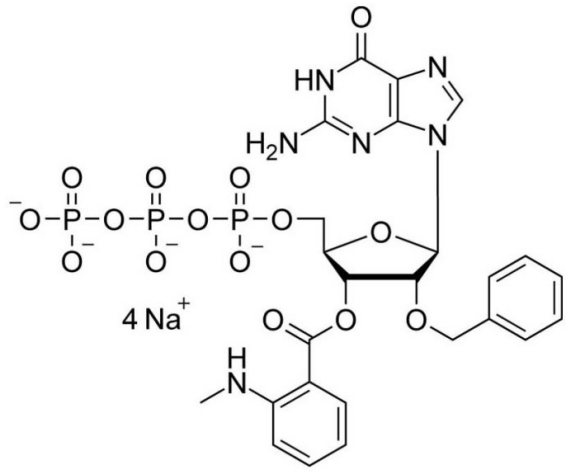
Ordering Information

Order Online »

BLG-B187-01	1µmol
BLG-B187-05	5x1µmol

Manuals, SDS & CofA

View Online »


O
HN
N
H2N
N
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4 Na+
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H
N

Handling & Storage

Long Term Storage	-80°C
Shipping	Dry Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	2′-O-Benzyl-3′-O-(N’-methylanthraniloyl)guanosine-5′-O-triphosphate . sodium salt
Couple Type	Modified nucleotides
Formula	$C_{25}H_{29}N_6O_{15}P_3$ (free acid)
Formulation	1 mM aqueous solution
MW	746.5 (free acid)
Purity	> 95% HPLC
Quantity	1 µmol is equivalent to ~0.7 mg

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