Br-ANT-GTP

Fluorescent GTP analogue

Analogue of guanosine-5'-triphosphate with only moderate intrinsic fluorescence (λexc 346 nm, λem ~426 nm). The fluorophore has a certain sensitivity for its environment and is supposed to change its spectral properties upon binding. Useful for research into GTP-dependent receptor proteins. Potential inhibitor of various adenylyl cyclase isoforms and soluble guanylyl cyclase (sGC).

BLG-B152-05 (5 x 1 µmol pack size) is not sold in the U.S. or Canada. Please contact us for available options.

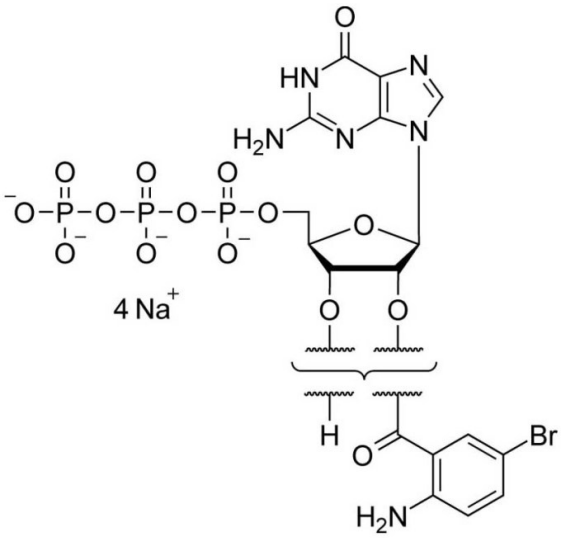
Ordering Information

Order Online »

BLG-B152-01	1µmol
BLG-B152-05	5x1µmol

Manuals, SDS & CofA

View Online »


O
HN
N
H2N
N
N
O
O
O
O
O
O
O
O
O
O
O
O
O
4 Na+
O
O
H
O
Br
H2N

Handling & Storage

Long Term Storage	-80°C
Shipping	Dry Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	2′-/3′-O-(5-Bromoanthraniloyl)guanosine-5′-O-triphosphate . sodium salt
Couple Type	Modified nucleotides
Formula	$C_{17}H_{20}BrN_6O_{15}P_3$ (free acid)
Formulation	10 mM aqueous solution
MW	721.2 (free acid)
Purity	> 95% HPLC
Quantity	1 µmol is equivalent to ~0.7 mg

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