Br-ANT-dGTP

Fluorescent dGTP analogue

Analogue of 2'-deoxyguanosine-5'-triphosphate with only moderate intrinsic fluorescence (λexc 350 nm, λem ~450 nm). The fluorophore is supposed to have a certain sensitivity for its environment and can change its spectral properties upon binding. Useful for research into dGTP-dependent receptor proteins. Potential inhibitor of various adenylyl cyclase isoforms and soluble guanylyl cyclase (sGC).

BLG-B151-05 (5 x 1 µmol pack size) is not sold in the U.S. or Canada. Please contact us for available options.

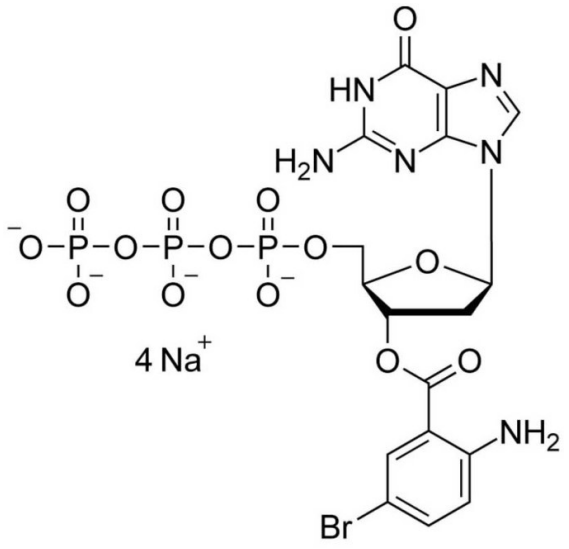
Ordering Information

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BLG-B151-01	1µmol
BLG-B151-05	5x1µmol

Manuals, SDS & CofA

View Online »


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HN
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H2N
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4 Na+
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NH2
Br

Handling & Storage

Long Term Storage -80°C

Shipping Dry Ice

Regulatory Status RUO - Research Use Only

Product Details

Alternative Name 3′-O-(5-Bromoanthraniloyl)-2′-deoxyguanosine-5′-O-triphosphate . sodium salt

Couple Type Modified nucleotides

Formula $C_{17}H_{20}BrN_6O_{14}P_3$ (free acid)

Formulation 10 mM aqueous solution

MW 705.2 (free acid)

Purity > 95% HPLC

Quantity 1 µmol is equivalent to ~0.7 mg

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