8-Br-TNP-ITP

Fluorescent ITP analogue

Fluorescent analogue of ATP and GTP, respectively with λexc 408 nm and λem 552 nm, which is supposed to substitute for ATP and GTP in the interaction with various enzymes and proteins. It is sensitive to indicators of local environment such as polarity and viscosity, and frequently exhibits a spectral shift and fluorescence enhancement upon binding to a protein. Potential inhibitor of various adenylyl cyclase isoforms and soluble guanylyl cyclase (sGC).

BLG-B186-05 (5 x 1 µmol pack size) is not sold in the U.S. or Canada. Please contact us for available options.

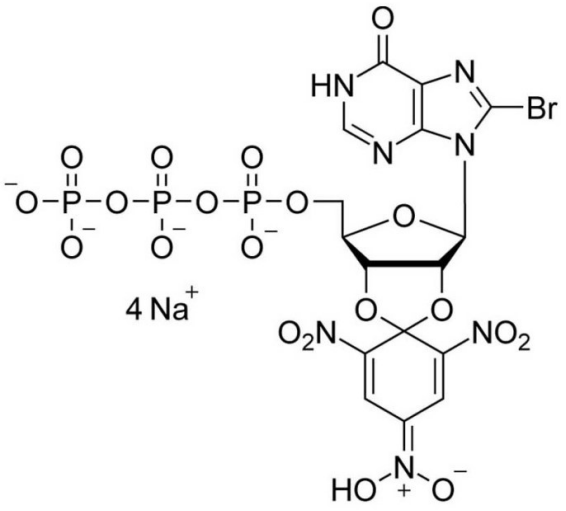
Ordering Information

Order Online »

BLG-B186-01	1µmol
BLG-B186-05	5x1µmol

Manuals, SDS & CofA

View Online »


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HN
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NO2
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Handling & Storage

Long Term Storage -80°C

Shipping Dry Ice

Regulatory Status RUO - Research Use Only

Product Details

Alternative Name 8-Bromo-2′,3′-O-(2,4,6-trinitrophenyl)inosine-5′-O-triphosphate . sodium salt

Couple Type Modified nucleotides

Formula $C_{16}H_{15}BrN_7O_{20}P_3$

Formulation 1 mM aqueous solution

MW 798.2

Purity > 95% HPLC

Quantity 1µmol is equivalent to ~0.8 mg

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