2-MeS-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. Potential agonist of P2Y purinoceptors and supposed to be inhibitor of soluble guanylate cyclase. 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.

BLG-M124-05 (5 x 1 µmol pack size) is not sold in the U.S. or Canada. Please contact us for available options.

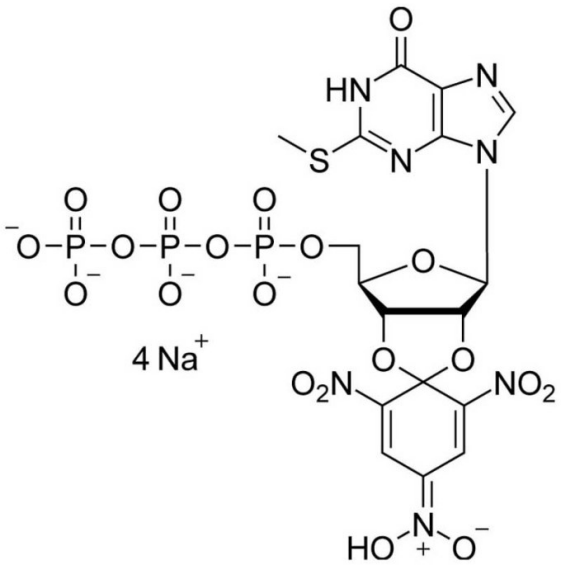
Ordering Information

Order Online »

BLG-M124-01	1µmol
BLG-M124-05	5x1µmol

Manuals, SDS & CofA

View Online »


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Handling & Storage

Long Term Storage	-80°C
Shipping	Dry Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	2-Methylthio-2′,3′-O-(2,4,6-trinitrophenyl)inosine-5′-O-triphosphate . sodium salt
Couple Type	Modified nucleotides
Formula	$C_{17}H_{18}N_7O_{20}P_3S$
MW	765.4
Purity	> 95% HPLC
Quantity	1µmol is equivalent to ~0.8 mg

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