7-Methyltetrazine-PO-$(EO)_4$-P-AParg-7-C-dATP / 7-Methyltetrazine-PEG_4-AParg-7-C-dATP

7-Methyltetrazine-PEG_4-AParg-7-C-dATP is an analogue of dATP and a suitable molecular tool for the so-called „Tetrazine-Alkene-Ligation“, a copper(I)-free inverse electron demand Diels–Alder (IEDDA) reaction. The IEDDA reaction is a prime example of the click chemistry technique and has attracted particular interest for the introduction of reporter groups into oligonucleotides and for the labelling of various biomolecules.

6-Methyltetrazine-containing analogue of dATP for click chemistry applications

BLG-M165-0125 (5 x 0.25 µmol pack size) is not sold in the U.S. or Canada. Please contact us for available options.

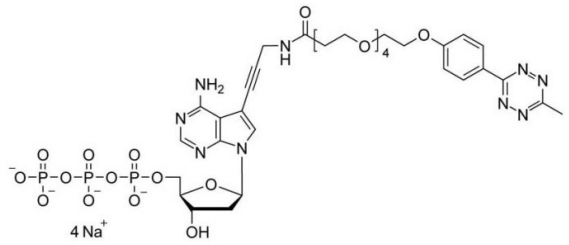
Ordering Information

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BLG-M165-0025	0.25µmol
BLG-M165-0125	5x0.25µmol

Manuals, SDS & CofA

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Handling & Storage

Long Term Storage -80°C

Shipping Dry Ice

Regulatory Status RUO -Research Use Only

Product Details

Alternative Name 7-(3-(15-((6-Methyl-1,2,4,5-tetrazine-3-yl)phenyloxy)-(tetraethoxy)-propionyl)aminopropargyl)-7-deaza-2′-deoxyadenosine-5′-O-triphosphate . sodium salt

Couple Type Modified nucleotides

Formula $C_{34}H_{46}N_9O_{18}P_3$

Formulation 1 mM aqueous solution

MW 961.7

Purity > 95% HPLC

Quantity 0.25µmol are equivalent to ~240 µg

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