5-Methyltetrazine-PO-$(EO)_4$-P-AA-dUTP / 5-Methyltetrazine-PEG_4-AA-dUTP

5-Methyltetrazine-containing analogue of dUTP for click chemistry applications

5-Methyltetrazine-PEG_4-AA-dUTP is an analogue of dUTP 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.

BLG-M164-0125 (5 x 0.25 µmol pack size) is not sold in the U.S. or Canada. Please contact us for available options.

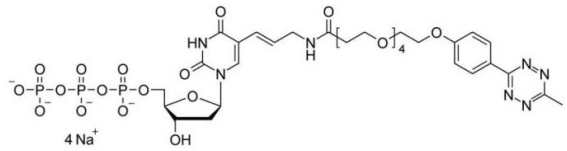
Ordering Information

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BLG-M164-0025	0.25µmol
BLG-M164-0125	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	5-(3-(15-((6-Methyl-1,2,4,5-tetrazine-3-yl)phenyloxy)-(tetraethoxy)-propionyl)aminoallyl)-2′-deoxyuridine-5′-O-triphosphate . sodium salt
Couple Type	Modified nucleotides
Formula	$C_{32}H_{46}N_7O_{20}P_3$
Formulation	1 mM aqueous solution
MW	941.7
Purity	> 95% HPLC
Quantity	0.25µmol are equivalent to ~235 µg

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