4-Methyltetrazine-PO-$(EO)_4$-P-AH-dCTP / 4-Methyltetrazine-PEG_4-AH-dCTP

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

4-Methyltetrazine-PEG_4-AH-dCTP is an analogue of dCTP 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-M166-0125 (5 x 0.25 µmol pack size) is not sold in the U.S. or Canada. Please contact us for available options.

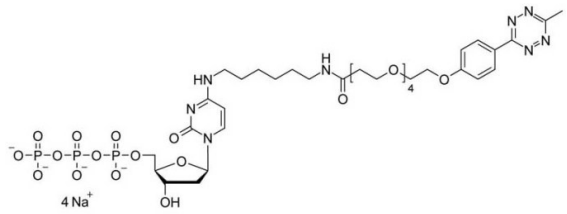
Ordering Information

Order Online »

BLG-M166-0025	0.25µmol
BLG-M166-0125	5x0.25µmol

Manuals, SDS & CofA

View Online »



Handling & Storage

Long Term Storage	-80°C
Shipping	Dry Ice

Regulatory Status

RUO -Research Use Only

Product Details

Alternative Name	N4-(6-(15-((6-Methyl-1,2,4,5-tetrazine-3-yl)phenyloxy)-(tetraethoxy)-propionyl)aminohexyl)-2′-deoxyucytidine-5′-O-triphosphate . sodium salt
Couple Type	Modified nucleotides
Formula	$C_{35}H_{55}N_8O_{19}P_3$
Formulation	1 mM aqueous solution
MW	984.8
Purity	> 95% HPLC
Quantity	0.25µmol are equivalent to ~246 µg

ENZO LIFE SCIENCES, INC.
Phone: 800.942.0430
info-usa@enzolifesciences.com

European Sales Office
ENZO LIFE SCIENCES (ELS) AG
Phone: +41 61 926 8989
info-eu@enzolifesciences.com

Belgium, The Netherlands & Luxembourg
Phone: +32 3 466 0420
info-be@enzolifesciences.com

France
Phone: +33 472 440 655
info-fr@enzolifesciences.com

Germany
Phone: +49 7621 5500 526
info-de@enzolifesciences.com

UK & Ireland
Phone (UK customers): 0845 601 1488
Phone: +44 1392 825900
info-uk@enzolifesciences.com

For local distributors and detailed product information visit us online: enzo.com All product names, logos, and brands are the property of their respective owners.