

Data Sheet (27.08.2010)

mi-C8-Alkyne-dUTP

Click chemistry

Cat.-No.	Amount
mi-N3002S	0.5 µmol
mi-N3002M	2.5 µmol
mi-N3002L	5.0 µmol

For research purposes only!
Only for *in vitro* use!

Molecular Formula: C₁₇H₁₉N₂O₁₄P₃Na₄

Molecular Weight: 660.22 g/ mol

Form: clear solution in water (0,1 M; pH 7,5)

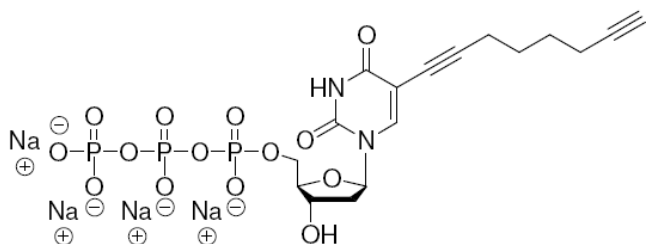
Purity: >99 %

References: *Chem. Eur. J.* **2007**, 13, 9486-9494. *J. Am. Chem. Soc.* **2006**, 128, 1398-1399.

Description

Alkyne-dNTPs can be built into DNA via PCR instead of conventional dNTPs using Pwo DNA Polymerase (Roche).

Alkyne-dNTPs are suitable to be modified in a later step with fluorescent or non-fluorescent Azides. For further information regarding click-chemistry, please have a look at our website or contact us at info@metabion.com.



Storage

Store at -20 °C, dry