

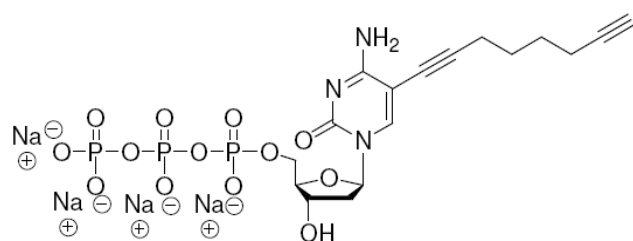
Data Sheet (15.02.2016)

mi-C8-Alkyne-dCTP

[Click chemistry](#)

Cat.-No.	Amount
mi-N3001S	0.5 µmol
mi-N3001M	2.5 µmol
mi-N3001L	5.0 µmol

For research use only! Only for in vitro use!



Molecular Formula: C₁₇H₂₀N₃O₁₃P₃Na₄

Molecular Weight: 659.23 g/ mol

Form: clear solution in water (0,1 M)

Purity (HPLC): ≥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 conditions: - 20 ± 5°C

Avoid repeated freeze/thaw cycles. Upon 1st use, it is recommended to aliquot small samples into single use portions for future needs.