

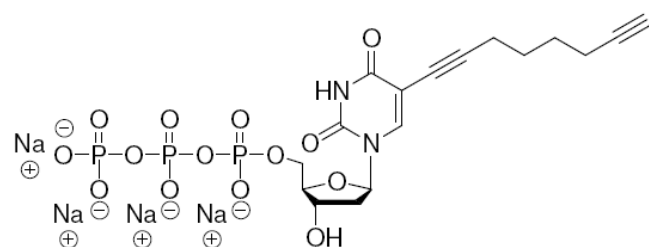
Data Sheet (15.02.2016)

# 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 use only! Only for in vitro use!**



**Molecular Formula:** C<sub>17</sub>H<sub>19</sub>N<sub>2</sub>O<sub>14</sub>P<sub>3</sub>Na<sub>4</sub>

**Molecular Weight:** 660.22 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](mailto: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.