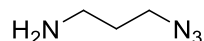


Product Data Sheet



Product number: **A152**
Revision number: **RN2.0**

Product Name 3-Azidopropan-1-amine
Application Amine substrate for transglutaminase, suitable for click chemistry
Molecular Formula C₃H₈N₄
Molecular Weight 100.12
Chemical Structure



Purity by HPLC >95%
Appearance Report result
Relative density 1.02 g/mL @25°C
Solubility Soluble in Water/Buffer, DMSO, DMF, DCM, chloroform, THF
Solutions of e.g. **300 µM** can be prepared directly in buffer.
Storage Store at -20°C, desiccate
Related products T001 Microbial (bacterial) transglutaminase
A153 4-Azidobutan-1-amine
C079 Z-Gln-Gly-PEG(3)-N₃
C080 Z-Gln-Gly-PEG(11)-N₃
L001 Substrate Finder Kit
L104 ATTO-488™ TGase Protein Q-Labeling Kit
Reference(s) Dennler, P. *et al. ChemBioChem* **2015**, 16, 861-867.
Dennler, P. *et al. Bioconjugate Chem.* **2014**, 25, 569.
Lhospice, F. *et al. Mol. Pharmaceutics* **2015**, 12, 1863.
Kolb, H.C. *et al. Angew. Chem. Int. Ed.* **2001**, 40, 2004.
Bertozzi, C.R., Bednarski, M.D. *J. Org. Chem.* **1991**, 56, 4326.
Schwabacher, A.W. *et al. J. Org. Chem.* **1998**, 63, 1727.
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NOTE INTENDED FOR RESEARCH USE ONLY, NOT FOR USE IN HUMAN, THERAPEUTIC OR DIAGNOSTIC APPLICATIONS.