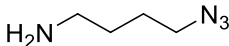


Product number: **A153**
Revision number: **RN2.0**

Product Name	4-Azidobutan-1-amine
Application	Amine substrate for transglutaminase, suitable for click chemistry
Molecular Formula	C ₄ H ₁₀ N ₄
Molecular Weight	114.15
Chemical Structure	
Purity by HPLC	>95%
Appearance	Report result
Relative density	Not available, density is expected to be comparable to 3-Azidopropan-1-amine (1.02 g/mL @25°C, see product A152)
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 A152 3-Azidopropan-1-amine C079 Z-Gln-Gly-PEG(3)-N ₃ C080 Z-Gln-Gly-PEG(11)-N ₃ L001 Substrate Finder Kit L104 ATTO-488™ TGase Protein Q-Labeling Kit
Reference(s)	Dennler, P. <i>et al. ChemBioChem</i> 2015 , 16, 861-867. Dennler, P. <i>et al. Bioconjugate Chem.</i> 2014 , 25, 569. Lhospice, F. <i>et al. Mol. Pharmaceutics</i> 2015 , 12, 1863. Kolb, H.C. <i>et al. Angew. Chem. Int. Ed.</i> 2001 , 40, 2004. Bertozzi, C.R., Bednarski, M.D. <i>J. Org. Chem.</i> 1991 , 56, 4326. Schwabacher, A.W. <i>et al. J. Org. Chem.</i> 1998 , 63, 1727.
Release date	02 December 2021
NOTE	INTENDED FOR RESEARCH USE ONLY, NOT FOR USE IN HUMAN, THERAPEUTIC OR DIAGNOSTIC APPLICATIONS.