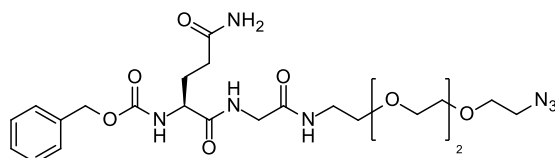


# Product Data Sheet



Product number **C079**  
Revision number **RN2.0**

**Product Name** Z-Gln-Gly-PEG(3)-N3  
**Application** Glutamine donor substrate for transglutaminase, suitable for click chemistry  
**Molecular Formula** C<sub>23</sub>H<sub>35</sub>N<sub>7</sub>O<sub>8</sub>  
**Molecular Weight** 537.57  
**Chemical Structure**



**Purity by HPLC** >95 % (214 nm)  
**Solubility** To be determined  
**Appearance** Off-white solid  
**Storage** Store at -15 to -25°C, desiccate  
**Related products** T001 Microbial (bacterial) transglutaminase  
C092 Z-Gln-Gly-(PEG1,088), monodisperse  
L001 Substrate Finder Kit  
L104 ATTO-488™ TGase Protein Q-Labeling Kit  
**References** 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.  
**Release date** 02 December 2021  
**NOTE** INTENDED FOR RESEARCH USE ONLY, NOT FOR USE IN HUMAN, THERAPEUTIC OR DIAGNOSTIC APPLICATIONS.