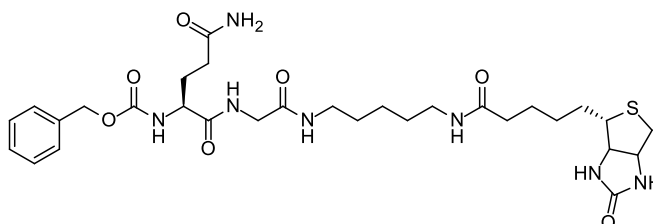


Product Data Sheet



Product Number **C091**
Revision Number **RN3.0**

Product Name Z-Gln-Gly-CAD-Biotin
Application Glutamine donor substrate for transglutaminases
Molecular Formula C₃₀H₄₅N₇O₇S
Molecular Weight 647.79
Chemical Structure



Purity by HPLC >95 % (214 nm)
Solubility 40 µM in 1% (v/v) DMSO / aqueous buffers.
Pre-dissolve e.g. 2.59 mg (4.0 µmol) in 1000 µl DMSO - dilute e.g. 20 µl of that stock solution (4 mM) with 1980 µl buffer or assay components to obtain your final assay solution (40 µM).
DMSO stock solutions are sterile and can be stored at -20°C for at least 6 months. To avoid too many freeze-thaw cycles, we strongly recommend storage of aliquots.
Appearance White solid
Storage Store at -20°C, desiccate
Related Products T001 Bacterial transglutaminase highly purified
B002 N-(Biotinyl)cadaverine
Reference(s) Pasternack, R. *et al. Anal. Biochem.* **1997**, 249, 54.
Zindel, S. *et al. PLoS One* **2016**, 11, e0149145.
Spidel, J. *et al. Bioconjugate Chem.* **2017**, 28, 2471-2484.
Release date 02 December 2021
NOTE INTENDED FOR RESEARCH USE ONLY, NOT FOR USE IN HUMAN, THERAPEUTIC OR DIAGNOSTIC APPLICATIONS.