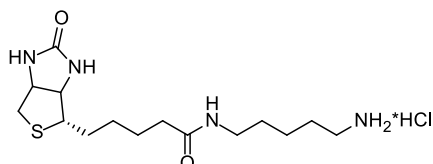


Product Data Sheet



Product Number **B002**
Revision Number **RN4.0**

Product Name N-(Biotinyl)cadaverine
Application Amine donor substrate for transglutaminases
Molecular Formula C₁₅H₂₉ClN₄O₂S (free base: C₁₅H₂₈N₄O₂S)
Molecular Weight 364.93 (free base: 328.47)
Chemical Structure



Purity by HPLC >95 % (214 nm)
Solubility 2 mg/ml in aqueous buffers
Aqueous solutions can be stored at 4°C for at least one month
Appearance White solid
Storage Store at -20°C, desiccate
Related Products T001 Bacterial transglutaminase highly purified
T002 Human tissue transglutaminase (hTG2)
T070 Human Factor XIIIa, activated
B001 Biotinyl-Thr-Val-Gln-Gln-Glu-Leu-OH
C091 Z-Gln-Gly-CAD-Biotin
Reference(s) Ruoppolo, M. *et al. Protein Sci.* **2003**, *12*, 1290.
Lee, K.N. *et al. Clin. Chem.* **1988**, *34*, 906.
Dennler, P. *et al. Chembiochem* **2015**, *16*, 861.
Wang Z. *et al. Cell Death & Dis.* **2013**, *4*, e808.
Wang Z. *et al. PLoS Pathog.* **2010**, *6*, e1000763.
Király, R. *et al. Amino Acids* **2016**, *48*, 31.
Recktenwald, C. *et al. J. Biol. Chem.* **2016**, *291*, 13580.
Psycher, P.R. *et al. ChemBioChem* **2017**, *18*, 1923-7.
Release date 29 November 2021
NOTE INTENDED FOR RESEARCH USE ONLY, NOT FOR USE IN HUMAN, THERAPEUTIC OR DIAGNOSTIC APPLICATIONS.