

Product Data Sheet



Product number **B007**
Revision number **RN3.0**

Product Name Keratinocyte transglutaminase (TG1)-substrate-peptide K5

Synonym Biotinyl-YEQHKLPSSWPF

Application Transglutaminase specific glutamine donor substrate

Molecular Formula $C_{83}H_{113}N_{19}O_{21}S$

Molecular Weight 1744.97

Purity by HPLC >95 % (220 nm)

Solubility stock solution: 100 mM in DMSO
concentration (assay): 500 μ M

Appearance white solid

Storage store at -20°C, desiccate

Related products T002 Human tissue transglutaminase
B008 Biotinyl-HQSYVDPWMLDH
B009 Biotinyl-PPPYSFYQSRWV
B010 Biotinyl-DQMMLPWPAVAL

Reference(s) Sugimura, Y. *et al. J. Biol. Chem.* **2006**, 281, 17699.
Sugimura, Y. *et al. FEBS J.* **2008**, 275, 5667.
Yamane, A. *et al. FEBS J.* **2010**, 277, 3564.
Schulze-Krebs, A. *et al. Brain Res.* **2016**, 1631, 22.
Itoh, M. *et al. J. Histochem. Cytochem.* **2013**, 61, 793.

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