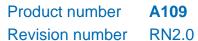
Product Data Sheet





H-DAEFRHDSGYEVHHQKLVFFAEDVGSNKGAIIGLMVGGVVIA-OH

Quantity 1 mg

Application Tissue transglutaminase (TG2) glutamine and lysine donor substrate

The ß-Amyloid peptide (Aß 1-42), derived from amyloid precursor protein (APP) plays a potential role in the development of the senile plaques, being associated with Alzheimer's

Disease

Molecular Formula C₂₀₃H₃₁₁N₅₅O₆₀S

Molecular Weight 4514.04

Purity by HPLC >95 % (214 nm)

Solubility Soluble in ammonium hydroxide (pH>9) or 4 mM in DMSO

DMSO stock solutions can then be diluted with aqueous buffers and 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 powder

Storage Store at -20°C, desiccate

Related products T002 Human tissue transglutaminase (hTG2, recombinant in E. coli)

T022 Human tissue transglutaminase (hTG2, recombinant in insect cells)

Reference(s) Hartley, D.M. et al. J. Biol. Chem. 2008, 283, 16790.

Zhang, W. et al. Life Sci. **1997**, 60, 2323. Jarrett J.T. et al. Biochemistry **1993**, 32, 4693.

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NOTE INTENDED FOR RESEARCH USE ONLY, NOT FOR USE IN HUMAN, THERAPEUTIC OR

DIAGNOSTIC APPLICATIONS.