## Inhibition of Angiotensin – Converting Enzyme by a Synthetic Peptide Fragment of Glyceraldehyde-3-phosphate Dehydrogenase

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A novel inhibitor of angiotensin – converting enzyme (ACE) identical to a sequence part of human muscle glyceraldehyde-3-phosphate dehydrogenase (GAPDH) was chemically synthesized. Amino acid sequence was as follows Pro – Glu – Asn – Ile – Lys – Trp – Gly – Asp. This peptide inhibited rabbit lung ACE with a  $K_i$  value of 1.6  $\mu$ m. The inhibitor of ACE acts in a non-competitive manner. The amino acid sequence of the new inhibitor was compared of GAPDH from other sources.