



LKT Laboratories, Inc.
B-Casomorphin, human

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Product Information

Product ID C0374
CAS No.
Chemical Name

Synonym beta-casomorphin

Formula C₄₄H₆₁N₇O₁₁
Formula Wt. 864.02
Melting Point
Purity ≥95%
Solubility Soluble in water.

H-Tyr-Pro-Phe-Val-Glu-Pro-Ile-OH

Bulk quantities available upon request

Product ID	Size
C0374	5 mg
C0374	10 mg
C0374	25 mg

Store Temp -20° C
Ship Temp Ambient

Description B-Casomorphin is a peptide fragment of casein that exhibits antioxidative and anti-fibrotic activities. In vivo, B-casomorphin improves high glucose-induced changes in oxidative enzyme secretion and activity. B-Casomorphin also decreases urinary glucose and protein levels as well as serum creatine and TGF-β1 in animal models of diabetes, preventing renal interstitial fibrosis.

References Zhang W, Miao J, Wang S, et al. The protective effects of beta-casomorphin-7 against glucose -induced renal oxidative stress in vivo and vitro. PLoS One. 2013 May 3;8(5):e63472. PMID: 23658831.

Zhang W, Miao J, Ma C, et al. B-Casomorphin-7 attenuates the development of nephropathy in type I diabetes via inhibition of epithelial-mesenchymal transition of renal tubular epithelial cells. Peptides. 2012 Aug;36(2):186-91. PMID: 22687367.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.