



LKT Laboratories, Inc.

Buccalin

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Product Information

Product ID B8010

CAS No. 116844-51-0

Chemical Name Glycyl-methionyl-aspartyl-seryl-leucyl-alanyl-phenylalanyl-seryl-glycyl-glycyl-leucinamide

Synonym Buccalin A

Formula C₄₅H₇₂N₁₂O₁₅S

Formula Wt. 1053.20

Melting Point

Purity ≥95%

Solubility Soluble in water.

Store Temp -20° C

Ship Temp Ambient

Description Buccalin is a neuropeptide found in mollusks. Buccalin modulates neuromuscular transmission and decreases motor neuron-induced muscular contractions.

Gly-Met-Asp-Ser-Leu-Ala-Phe-Ser-Gly-Gly-Leu-NH₂

Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
B8010	1 mg	\$75.70
B8010	2 mg	\$129.30
B8010	5 mg	\$226.90

References Veenstra JA. Neurohormones and neuropeptides encoded by the genome of *Lottia gigantea*, with reference to other mollusks and insects. *Gen Comp Endocrinol.* 2010 May 15;167(1):86-103. PMID: 20171220.

Vilim FS, Cropper EC, Rosen SC, et al. Structure, localization, and action of buccalin B: a bioactive peptide from *Aplysia*. *Peptides.* 1994;15(6):959-69. PMID: 7991459.

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