



LKT Laboratories, Inc.

Alytesin

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Product Information

Product ID A4498

CAS No. 31078-12-3

Chemical Name

pGlu-Gly-Arg-Leu-Gly-Thr-Gln-
Trp-Ala-Val-Gly-His-Leu-Met-NH₂

Synonym

Formula C65H108N22O17S

Formula Wt. 1535.8

Melting Point

Purity ≥95%

Solubility Soluble in water (1 mg/mL).

Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
A4498	1 mg	\$63.00
A4498	2 mg	\$107.00
A4498	5 mg	\$189.00

Store Temp -20°C

Ship Temp Ambient

Description Alytesin is an antimicrobial peptide (AMP) originally found in the skin of amphibians. Alytesin decreases gastric acid secretion, decreasing food intake in vivo and exhibiting anorexigenic activity.

References König E, Zhou M, Wang L, et al. Antimicrobial peptides and alytesin are co-secreted from the venom of the Midwife toad, *Alytes maurus* (Alytidae, Anura): implications for the evolution of frog skin defensive secretions. *Toxicon*. 2012 Nov;60(6):967-81. PMID: 22800568

Cline MA, Fouse DN, Prall BC. Central and peripheral alytesin cause short-term anorexigenic effects in neonatal chicks. *Neuropeptides*. 2008 Jun;42(3):283-91. PMID: 18384875.

Guglietta A, Strunk CL, Irons BJ, et al. Central neuromodulation of gastric acid secretion by bombesin-like peptides. *Peptides*. 1985;6 Suppl 3:75-81. Erratum in: *Peptides* 1987 May-Jun;8(3):579. PMID: 3841693.

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