



LKT Laboratories, Inc.

**BAM-22P**

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## Product Information

**Product ID** A0249

**CAS No.** 76622-26-9

**Chemical Name**

**Synonym** Bovine adrenal medulla 22 peptide

**Formula** C<sub>130</sub>H<sub>184</sub>N<sub>38</sub>O<sub>31</sub>S<sub>2</sub>

**Formula Wt.** 2839.28

**Melting Point**

**Purity** ≥95%

**Solubility** Soluble in water.

**Store Temp** -20° C

**Ship Temp** Ambient

**Description** Bovine adrenal medulla 22 peptide (BAM-22P) is a cleavage product of proenkephalin that binds μ-opioid receptors (μORs) and κ-opioid receptors (κORs). BAM-22P plays a role in antinociceptive signaling.

H-Tyr-Gly-Gly-Phe-Met-Arg-Arg-Val-Gly-Arg-Pro-Glu-Trp-Trp-Met-Asp-Tyr-Gln-Lys-Arg-Tyr-Gly-OH

**Bulk quantities available upon request**

<b>Product ID</b>	<b>Size</b>
A0249	1 mg
A0249	2 mg
A0249	5 mg

**References** Cai M, Chen T, Quirion R, et al. The involvement of spinal bovine adrenal medulla 22-like peptide, the proenkephalin derivative, in modulation of nociceptive processing. *Eur J Neurosci.* 2007 Sep;26(5):1128-38. PMID: 17767492.

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