



LKT Laboratories, Inc.

BAM-12P

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Product Information

Product ID A0248

CAS No. 75513-71-2

Chemical Name

Synonym Bovine adrenal medulla 12 peptide

Formula C₆₂H₉₇N₂₁O₁₆S

Formula Wt. 1424.66

Melting Point

Purity ≥95%

Solubility Soluble in water.

Store Temp -20° C

Ship Temp Ambient

Description Bovine adrenal medulla 12 peptide (BAM-12P) is a cleavage product of proenkephalin that binds κ-opioid receptors (κORs). BAM-12P plays a role in antinociceptive signaling.

H-Tyr-Gly-Gly-Phe-Met-Arg-Arg-Val-Gly-Arg-Pro-Glu-OH

Bulk quantities available upon request

Product ID	Size
A0248	1 mg
A0248	2 mg
A0248	5 mg

References Davis TP, Hoyer GL, Davis P, et al. Proenkephalin A-derived peptide E and its fragments alter opioid contractility in the small intestine. *Eur J Pharmacol.* 1990 Dec 4;191(3):253-61. PMID: 2086244.

Mizuno K, Minamino N, Kangawa K, et al. A new endogenous opioid peptide from bovine adrenal medulla: isolation and amino acid sequence of a dodecapeptide (BAM-12P). *Biochem Biophys Res Commun.* 1980 Aug 29;95(4):1482-8. PMID: 7417331.

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