



LKT Laboratories, Inc.

Mastoparan 8

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Product Information

Product ID M0273
CAS No.
Chemical Name
Synonym Mas8, Mastoparan-M, Mast cell-degranulating peptide.

H-Ile-Asn-Leu-Lys-Ala-Leu-Ala-
Ala-Leu-Ala-Lys-Arg-Leu-Leu-
NH₂

Formula C₇₀H₁₃₁N₂₁O₁₅
Formula Wt. 1506.96
Melting Point
Purity ≥95%
Solubility

Store Temp -20°C
Ship Temp Ambient

Description Mastoparan 8 is an antimicrobial peptide (AMP) derived from the venom of bees and wasps that activates Gi/o GPCRs. Mastoparan 8 is an analog of mastoparan with similar activity, including inducing mast cell degranulation and stimulating insulin secretion.

Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
M0273	0.5 mg	\$63.00
M0273	1 mg	\$107.00
M0273	2.5 mg	\$189.00

References dos Santos LD, Aparecido dos Santos Pinto JR, Menegasso AR, et al. Proteomic profiling of the molecular targets of interactions of the mastoparan peptide Protopolybia MP-III at the level of endosomal membranes from rat mast cells. *Proteomics*. 2012 Aug;12(17):2682-93. PMID: 22761183.

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Etzerodt T, Henriksen JR, Rasmussen P, et al. Selective acylation enhances membrane charge sensitivity of the antimicrobial peptide mastoparan-x. *Biophys J*. 2011 Jan 19;100(2):399-409. PMID: 21244836.

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