



LKT Laboratories, Inc.

Calcitonin Gene Related Peptide (8-37), rat

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Product Information

Product ID C0249

CAS No. 129121-73-9

Chemical Name

Synonym CGRP (8-37)

Formula C₁₃₈H₂₂₄N₄₂O₄₁

Formula Wt. 3127.58

Melting Point

Purity ≥95%

Solubility Soluble in water (1 mg/mL).

Store Temp -20°C

Ship Temp Ambient

Description Calcitonin gene-related peptide (CGRP) (8-37) inhibits the CGRP receptor and is used in research studies to examine the effects of CGRP. CGRP (8-37) inhibits the effects of ghrelin and induces caspase 3-mediated apoptosis in retinal cells of animal models of coronary artery occlusion. Like CGRP, this fragment likely binds RAMP1 and CGRP receptors. TEST!!!!!!

H-Val-Thr-His-Arg-Leu-Ala-Gly-Leu-Leu-Ser-Arg-Ser-Gly-Gly-Val-Val-Lys-Asp-Asn-Phe-Val-Pro-Thr-Asn-Val-Gly-Ser-Glu-Ala-Phe-NH₂

Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
C0249	0.5 mg	\$239.40
C0249	1 mg	\$406.40
C0249	2.5 mg	\$718.30

References Nguyen VT, Wu Y, Guillory AN, et al. Delta-opioid augments cardiac contraction through β -adrenergic and CGRP-receptor co-signaling. *Peptides*. 2012 Jan;33(1):77-82. PMID: 22108711.

Yang JH, Zhang YQ, Guo Z. Endogenous CGRP protects retinal cells against stress induced apoptosis in rats. *Neurosci Lett*. 2011 Aug 26;501(2):83-5. PMID: 21763400.

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