



LKT Laboratories, Inc.
Calcitonin Gene Related Peptide (8-37), human

Phone: 888-558-5227
651-644-8424
Fax: 888-558-7329
Email: getinfo@lktlabs.com
Web: lktlabs.com

Product Information

Product ID C0243
CAS No. 119911-68-1
Chemical Name

Synonym CGRP (8-37)

Formula C₁₃₉H₂₃₀N₄₄O₃₈
Formula Wt. 3125.65

Melting Point

Purity ≥95%

Solubility Soluble in water (0.5 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.

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

Bulk quantities available upon request

Product ID	Size
C0243	0.5 mg
C0243	1 mg
C0243	2.5 mg

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.