



LKT Laboratories, Inc.

Calcitonin Gene Related Peptide II, rat

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Product Information

Product ID C0251

CAS No.

Chemical Name

Synonym CGRP II, rat, B-CGRP, rat

Formula $C_{163}H_{267}N_{51}O_{50}S_2$

Formula Wt. 3805.39

Melting Point

Purity $\geq 95\%$

Solubility Soluble in water (0.8 mg/mL).

Store Temp -20°C

Ship Temp Ambient

Description Calcitonin gene-related peptide II (CGRP II) exhibits vasodilatory and gastrointestinal modulatory activities; it also appears to be associated with inflammation in diseases such as gout and rheumatoid arthritis. CGRP II dilates arterioles in vitro and inhibits pentagastrin-stimulated gastric acid secretion in clinical settings. Like CGRP, this peptide likely binds RAMP1 and CGRP receptors. TEST!!!!!!

H-Ser-Cys-Asn-Thr-Ala-Thr-Cys-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-Lys-Ala-Phe-NH₂
(Disulfide Bridge Cys2-Cys7)

Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
C0251	0.5 mg	\$315.10
C0251	1 mg	\$535.50
C0251	2.5 mg	\$945.10

References Vanner S. Mechanism of action of capsaicin on submucosal arterioles in the guinea pig ileum. Am J Physiol. 1993 Jul;265(1 Pt 1):G51-5. PMID: 8338172.

Hernanz A, De Miguel E, Romera N, et al. Calcitonin gene-related peptide II, substance P and vasoactive intestinal peptide in plasma and synovial fluid from patients with inflammatory joint disease. Br J Rheumatol. 1993 Jan;32(1):31-5. PMID: 7678534.

Beglinger C, Born W, Hildebrand P, et al. Calcitonin gene-related peptides I and II and calcitonin: distinct effects on gastric acid secretion in humans. Gastroenterology. 1988 Oct;95(4):958-65. PMID: 2900791.

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