



## Product Information

**Product ID** C0250  
**CAS No.**  
**Chemical Name**  
  
**Synonym** CGRP II, B-CGRP  
  
**Formula** C<sub>162</sub>H<sub>267</sub>N<sub>51</sub>O<sub>48</sub>S<sub>3</sub>  
**Formula Wt.** 3793.38  
**Melting Point**  
**Purity** ≥95%  
**Solubility** Soluble in water.

Ala-Cys-Asn-Thr-Ala-Thr-Cys-Val-Thr-His-Arg-Leu-Ala-Gly-Leu-Leu-Ser-Arg-Ser-Gly-Gly-Met-Val-Lys-Ser-Asn-Phe-Val-Pro-Thr-Asn-Val-Gly-Ser-Lys-Ala-Phe-NH<sub>2</sub>  
(Disulfide Bridge Cys2-Cys7)

**Bulk quantities available upon request**

Product ID	Size
C0250	0.5 mg
C0250	1 mg
C0250	2.5 mg

**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.

**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.