



LKT Laboratories, Inc.
Neuromedin C (18-27), pig

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Product Information

Product ID N1981

CAS No. 81608-30-2

Chemical Name

Synonym Bombesin decapeptide, Gastrin releasing peptide, GRP

Formula C₅₀H₇₃N₁₇O₁₁S

Formula Wt. 1120.3

Melting Point

Purity ≥98%

Solubility Soluble in water.

Gly-Asn-Leu-Trp-Ala-Thr-Gly-
His-Phe-Met-NH₂

Product ID	Size
N1981	1 mg

Store Temp -20° C

Ship Temp Ambient

Description Neuromedin C is an endogenous bombesin-like peptide fragment of gastrin releasing peptide (GRP) that exhibits anorexigenic activity. Neuromedin C increases latency to feeding and decreases food intake and feeding time in vivo. Neuromedin C also induces scratching behavior by activating BB2 receptors and causing mast cell degranulation. Additionally, this peptide displays cardiomodulatory activity, inducing bradycardia and delaying gastric emptying.

References Sayegh AI. The role of bombesin and bombesin-related peptides in the short-term control of food intake. *Prog Mol Biol Transl Sci.* 2013;114:343-70. PMID: 23317790.

Andoh T, Kuwazono T, Lee JB, et al. Gastrin-releasing peptide induces itch-related responses through mast cell degranulation in mice. *Peptides.* 2011 Oct;32(10):2098-103. PMID: 21933692.

Fekete EM, Bagi EE, Tóth K, et al. Neuromedin C microinjected into the amygdala inhibits feeding. *Brain Res Bull.* 2007 Jan 9;71(4):386-92. PMID: 17208656.

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