



LKT Laboratories, Inc.

Glucagon (19-29), human

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

Product Information

Product ID G4479

CAS No. 64790-15-4

Chemical Name

Synonym Des(1-18) glucagon, Miniglucagon

Formula $C_{61}H_{89}N_{15}O_{18}S$

Formula Wt. 1352.54

Melting Point

Purity $\geq 95\%$

Solubility Soluble in water, DMSO.

Store Temp $-20^{\circ}C$

Ship Temp Ambient

Description Glucagon (19-29) is also known as miniglucagon, an endogenous short peptide co-released with glucagon. Miniglucagon inhibits insulin secretion from pancreatic B-cells in a Ca^{2+} -dependent manner.

Ala-Gln-Asp-Phe-Val-Gln-
Trp-Leu-Met-Asn-Thr

Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
G4479	1 mg	\$63.00
G4479	2 mg	\$107.00
G4479	5 mg	\$189.00

References Bataille D, Fontés G, Costes S, et al. The glucagon-miniglucagon interplay: a new level in the metabolic regulation. *Ann N Y Acad Sci.* 2006 Jul;1070:161-6. PMID: 16888159.

Dalle S, Fontés G, Lajoix AD, et al. Miniglucagon (glucagon 19-29): a novel regulator of the pancreatic islet physiology. *Diabetes.* 2002 Feb;51(2):406-12. PMID: 11812748.

Dalle S, Smith P, Blache P, et al. Miniglucagon (glucagon 19-29), a potent and efficient inhibitor of secretagogue-induced insulin release through a Ca^{2+} pathway. *J Biol Chem.* 1999 Apr 16;274(16):10869-76. PMID: 10196164.

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