



LKT Laboratories, Inc.

Hexarelin

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

Product Information

Product ID H1893

CAS No. 140703-51-1

Chemical Name L-histidyl-2-methyl-D-tryptophyl-L-alanyl-L-tryptophyl-D-phenylalanyl-L-Lysinamide

Synonym Examorelin

Formula C₄₇H₅₈N₁₂O₆

Formula Wt. 887.0

Melting Point

Purity ≥95%

Solubility Soluble in water. Slightly soluble in DMSO, methanol.

Store Temp -20° C

Ship Temp Ambient

Description Hexarelin is a synthetic analog of ghrelin that binds and activates the ghrelin (GHS) receptor. Hexarelin exhibits cardioprotective, anti-fibrotic, antihypertensive, and anti-fertility activities. In animal models of myocardial infarction, hexarelin protects cardiac function. In spontaneously hypertensive rats, hexarelin prevents deposition of collagen, decreases expression of TIMP-1, collagen I, and collagen III, and increases expression of MMP2 and MMP9, decreasing cardiac fibrosis and blood pressure and attenuating left ventricular hypertrophy. Hexarelin also decreases ovulation and number of offspring produced in vivo.

His-D-2-Me-Trp-Ala-Trp-D-Phe-Lys-NH₂

Bulk quantities available upon request

Product ID	Size
H1893	1 mg
H1893	5 mg
H1893	50 mg

References Mao Y, Tokudome T, Kishimoto I, et al. One dose of oral hexarelin protects chronic cardiac function after myocardial infarction. *Peptides*. 2014 Apr 18;56C:156-162. PMID: 24747279.

Xu X, Ding F, Pang J, et al. Chronic administration of hexarelin attenuates cardiac fibrosis in the spontaneously hypertensive rat. *Am J Physiol Heart Circ Physiol*. 2012 Sep 15;303(6):H703-11. PMID: 22842067.

Puechagut PB, Martini AC, Stutz G, et al. Reproductive performance and fertility in male and female adult mice chronically treated with hexarelin. *Reprod Fertil Dev*. 2012;24(3):451-60. PMID: 22401277.

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