

Data Sheet

Product Name:	Gastrin-Releasing Peptide, human	
Cat. No.:	CS-7098	
CAS No.:	93755-85-2	
Molecular Formula:	C130H204N38O31S2	
Molecular Weight:	2859.38	VPLPAGGGTVLTKMYPRGNHWAVGHLM-NH ₂
Target:	Others	
Pathway:	Others	
Solubility:	H2O	

BIOLOGICAL ACTIVITY:

Gastrin-Releasing Peptide, human (GRP) belongs to the bombesin-like peptide family, and is not a classical hypothalamic-hypophyseal regulatory hormone since it plays only a perfunctory role in the mediation of pituitary hormone release. **In Vitro:** Gastrin-Releasing Peptide, human (GRP) belongs to the bombesin-like peptide family, and is not a classical hypothalamic-hypophyseal regulatory hormone since it plays only a perfunctory role in the mediation of pituitary hormone release. However, GRP/bombesin-like immunoreactivity is widely distributed in mammalian brain, especially the hypothalamus, GI tract and in human fetal lung^[1].

References:

[1]. Dubovy SR, et al. Expression of hypothalamic neurohormones and their receptors in the human eye. Oncotarget. 2017 Jun 3.

CAIndexNames:

L-Methioninamide, L-valyl-L-prolyl-L-leucyl-L-prolyl-L-alanyl-glycyl-glycyl-glycyl-L-threonyl-L-valyl-L-leucyl-L-threonyl-L-lysyl-L-methionyl-L-tyrosyl-L-prolyl-L-arginyl-glycyl-L-asparaginy-L-histidyl-L-tryptophyl-L-alanyl-L-valyl-glycyl-L-histidyl-L-leucyl-

SMILES:

[VPLPAGGGTVLTKMYPRGNHWAVGHLM-NH2]

Caution: Product has not been fully validated for medical applications. For research use only.

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