

[Leu13]-Motilin

Cat. No.:	HY-106323
CAS No.:	59530-69-7
Molecular Formula:	C ₁₂₁ H ₁₉₀ N ₃₄ O ₃₅
Molecular Weight:	2681.01
Sequence:	Phe-Val-Pro-Ile-Phe-Thr-Tyr-Gly-Glu-Leu-Gln-Arg-Leu-Gln-Glu-Lys-Glu-Arg-Asn-Lys-Gly-Gln
Sequence Shortening:	FVPIFTYGELQRLQEKERKNGQ
Target:	Motilin Receptor
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

[Leu13]-Motilin (KW-5139) is a motilin analogue. [Leu13]-Motilin stimulates gastrointestinal motility in the rabbit. [Leu13]-Motilin causes concentration-dependent contractions of the gastric antrum, duodenum, jejunum, ileum and the descending colon in vitro^[1].

REFERENCES

[1]. Kitazawa T, et al. Stimulating action of KW-5139 (Leu13-motilin) on gastrointestinal motility in the rabbit. Br J Pharmacol. 1994 Jan;111(1):288-94.

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

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