

## [Leu13]-Motilin (Human, Porcine)

Catalog #	Source	Reactivity	Applications
CCP1496	Synthetic		
<b>Description</b>	Peptide to [Leu13]-Motilin (Human, Porcine)		
<b>Biological Description</b>	<p>[Leu13]-Motilin (Human, Porcine) has been shown to produce an excitatory response in the chicken gastrointestinal tract with a different sensitivity from region to region. The mechanisms of action were different between the proventriculus and the intestinal segments. The motilin analog contracted the intestinal segments by direct action on the smooth muscle cells whereas in the proventriculus it caused contraction and enhancement of electrical field stimulation-induced response through an action on the intramural cholinergic neurons.</p>		
<b>Form</b>	Lyophilized powder		
<b>CAS Number</b>	116283-54-6		
<b>Molecular Formula</b>	C121H190N34O35		
<b>Molecular Weight</b>	2681.07		
<b>Purity</b>	> 95%		
<b>Chemical Structure</b>	Phe - Val - Pro - Ile - Phe - Thr - Tyr - Gly - Glu - Leu - Gln - Arg - Leu - Gln - Glu - Lys - Glu - Arg - Asn - Lys - Gly - Gln		
<b>Storage/Stability</b>	Shipped at 4°C. Store at -20°C for one year.		
<b>Structure</b>			

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

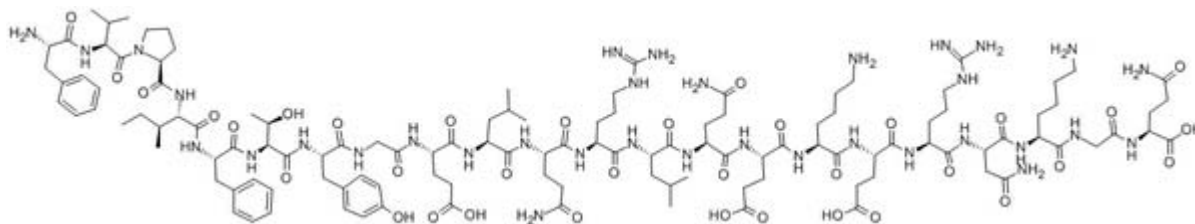
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