

## Leumorphin, human

Cat. No.:	HY-P10006
CAS No.:	88846-98-4
Molecular Formula:	C <sub>150</sub> H <sub>224</sub> N <sub>42</sub> O <sub>46</sub>
Molecular Weight:	3352
Sequence:	Tyr-Gly-Gly-Phe-Leu-Arg-Arg-Gln-Phe-Lys-Val-Val-Thr-Arg-Ser-Gln-Glu-Asp-Pro-Asn-Ala-Tyr-Ser-Gly-Glu-Leu-Phe-Asp-Ala
Sequence Shortening:	YGGFLRRQFKVWTRSQEDPNAYSGELFDA
Target:	Opioid Receptor
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

#### Description

Leumorphin, human is a potent kappa opioid receptor ( $\kappa$  opioid receptor) agonist. Leumorphin, human inhibits the contraction of the myenteric plexus-longitudinal muscle preparation of the guinea pig ileum<sup>[1]</sup>.

### REFERENCES

[1]. M Suda, K Nakao, et al. Human leumorphin is a potent, kappa opioid receptor agonist. *Neurosci Lett.* 1984 Sep 7;50(1-3):49-52.

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

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