

Product Information

Product ID X1752

CAS No.

Chemical Name

Synonym Xenin 25, Xenopsin 25

Formula $C_{139}H_{224}N_{38}O_{32}S$

Formula Wt. 2971.63

Melting Point

Purity $\geq 95\%$

Solubility Soluble in water.

Store Temp -20°C

Ship Temp Ambient

Description Xenin is an endogenous neurotensin-related peptide hormone that exhibits anorexigenic activity, suppressing feeding behavior in vivo in an IL-1R-dependent manner. Xenin also induces relaxation in ileal smooth muscle cells through activity at neurotensin-type apamin-sensitive receptors. Xenin also delays gastric emptying in vivo, likely contributing to its effects on feeding behavior.

H-Met-Leu-Thr-Lys-Phe-Glu-Thr-Lys-Ser-Ala-Arg-Val-Lys-Gly-Leu-Ser-Phe-His-Pro-Lys-Arg-Pro-Trp-Ile-Leu-OH

Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
X1752	0.5 mg	\$157.50
X1752	1 mg	\$217.40
X1752	2.5 mg	\$434.70

References Kim ER, Xu Y, Mizuno TM. Impaired suppression of feeding by the gut hormone xenin in type I interleukin-1 receptor-deficient mice. *Behav Brain Res.* 2013 Dec 12;261C:60-64. PMID: 24333379.

Kim ER, Mizuno TM. Xenin delays gastric emptying rate and activates the brainstem in mice. *Neurosci Lett.* 2010 Aug 30;481(1):59-63. PMID: 20599589.

Alexiou C, Zimmermann JP, Schick RR, et al. Xenin--a novel suppressor of food intake in rats. *Brain Res.* 1998 Aug 3;800(2):294-9. PMID: 9685684.

Clemens A, Katsoulis S, Nustede R, et al. Relaxant effect of xenin on rat ileum is mediated by apamin-sensitive neurotensin-type receptors. *Am J Physiol.* 1997 Jan;272(1 Pt 1):G190-6. PMID: 9038893.

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