

## Xenopsin

Cat. No.:	HY-P0253
CAS No.:	51827-01-1
Molecular Formula:	C <sub>47</sub> H <sub>73</sub> N <sub>13</sub> O <sub>10</sub>
Molecular Weight:	980.16
Sequence:	{Glp}-Gly-Lys-Arg-Pro-Trp-Ile-Leu
Sequence Shortening:	{Glp}-GKRPWIL
Target:	Others
Pathway:	Others
Storage:	Sealed storage, away from moisture
	Powder    -80°C    2 years
	-20°C    1 year
	* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

### BIOLOGICAL ACTIVITY

Description	Xenopsin, a neurotensin-like octapeptide from <i>Xenopus laevis</i> skin <sup>[1]</sup> . Xenopsin is an inhibitor of Tetragastrin stimulated gastric acid secretion <sup>[2]</sup> .
In Vitro	Xenopsin is a biologically active octapeptide found in skin extracts from <i>Xenopus laevis</i> <sup>[1]</sup> . Xenopsin produces a significant inhibition of tetragastrin-stimulated gastric acid output <sup>[2]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

- [1]. Sures I, et al. Xenopsin: the neurotensin-like octapeptide from *Xenopus* skin at the carboxyl terminus of its precursor. *Proc Natl Acad Sci U S A*. 1984 Jan;81(2):380-4.
- [2]. Zinner MJ, et al. Effect of xenopsin on blood flow, hormone release, and acid secretion. *Am J Physiol*. 1982 Sep;243(3):G195-9.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA