



## Product Data Sheet

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Product Name:	Sauvagine	
Catalog Number:	AS-24475 (0.5 mg)	Lot Number: See label on vial
Sequence:	Pyr-Gly-Pro-Pro-Ile-Ser-Ile-Asp-Leu-Ser-Leu-Glu-Leu-Leu-Arg-Lys-Met-Ile-- Glu-Ile-Glu-Lys-Gln-Glu-Lys-Glu-Lys-Gln-Gln-Ala-Ala-Asn-Asn-Arg-Leu-Leu-Leu-Asp-Thr-Ile-NH <sub>2</sub> (3-letter code) Pyr-GPPISIDLSELLLRKMIEIEKQEKEKQQAANNRLLLDTI-NH <sub>2</sub> (1-letter code)	
Molecular Weight:	4599.4	
Peptide Purity:	>95%	
Appearance:	Lyophilized white powder	

**Peptide Reconstitution:** Initially, try to dissolve a small amount of Sauvagine peptide in water. If peptide does not dissolve in water, then use 1% NH<sub>4</sub>OH.

**Storage:** Sauvagine peptide is shipped at ambient temperature. Upon receipt, store lyophilized peptide at -20°C or lower. Reconstituted peptide can be aliquoted and stored at -20 °C or lower.

**Description:** A hypotensive and diuretic peptide. Originally isolated from the skin of the frog, *Phyllomedusa sauvagei*. It affects diuresis in the cardiovascular system and causes the release of ACTH and endorphins. Ref: Montecucchi, PC. et al. *Int. J. Pept. Protein Res.* **20**, 139 (1982); Erspamer, V. et al. *Trends Pharmacol. Sci.* **20**, 391 (1980).

### Published Citations:

Zheng, J. et al. *Anal. Chem.* **78**, 1535 (2006).

### Related Products:

Name	Cat #	Size
Deltorphan A	AS-62682	1 mg
YmFHLMD-NH <sub>2</sub>		

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