

## Lys-Conopressin-G

<b>Cat. No.:</b>	HY-P5166
<b>CAS No.:</b>	111317-91-0
<b>Molecular Formula:</b>	C <sub>44</sub> H <sub>71</sub> N <sub>15</sub> O <sub>10</sub> S <sub>2</sub>
<b>Molecular Weight:</b>	1034.26
<b>Sequence:</b>	Cys-Phe-Ile-Arg-Asn-Cys-Pro-Lys-Gly-NH <sub>2</sub> (Disulfide bridge: Cys1-Cys6)
<b>Sequence Shortening:</b>	CFIRNCPKG-NH <sub>2</sub> (Disulfide bridge: Cys1-Cys6)
<b>Target:</b>	Others
<b>Pathway:</b>	Others
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

<b>Description</b>	Lys-Conopressin-G, a vasotocin-like peptide, can be isolated from the venom of the worm-hunting snail ( <i>conus imperialis</i> ) <sup>[1]</sup> [2].
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### REFERENCES

- [1]. Nielsen DB, et al. Isolation of Lys-conopressin-G from the venom of the worm-hunting snail, *Conus imperialis*. *Toxicon*. 1994 Jul;32(7):845-8.
- [2]. McMaster D, et al. A vasotocin-like peptide in *Aplysia kurodai* ganglia: HPLC and RIA evidence for its identity with Lys-conopressin G. *Peptides*. 1992 May-Jun;13(3):413-21.

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

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