

## (Ile8)-Oxytocin

Cat. No.:	HY-P4605
CAS No.:	362-39-0
Molecular Formula:	C <sub>43</sub> H <sub>66</sub> N <sub>12</sub> O <sub>12</sub> S <sub>2</sub>
Molecular Weight:	1007.19
Sequence:	Cys-Tyr-Ile-Gln-Asn-Cys-Pro-Ile-Gly-NH <sub>2</sub> (Disulfide bridge: Cys1-Cys6)
Sequence Shortening:	CYIQNCPIG-NH <sub>2</sub> (Disulfide bridge: Cys1-Cys6)
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

Description	(Ile8)-Oxytocin is a neurohypophysial hormone mesotocin produced in marsupials <sup>[1]</sup> .
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### REFERENCES

[1]. Chauvet MT, et al. A reptilian neurohypophysial hormone, mesotocin (Ile8-Oxytocin), in Australian marsupials. FEBS Lett. 1981 Jun 29;129(1):120-2.

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

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