

## Isotocin

Cat. No.:	HY-P4184
CAS No.:	550-21-0
Molecular Formula:	C <sub>41</sub> H <sub>63</sub> N <sub>11</sub> O <sub>12</sub> S <sub>2</sub>
Molecular Weight:	966.14
Sequence:	Cys-Tyr-Ile-Ser-Asn-Cys-Pro-Ile-Gly-NH <sub>2</sub> (Disulfide bridge: Cys1-Cys6)
Sequence Shortening:	CYISNCPIG-NH <sub>2</sub> (Disulfide bridge: Cys1-Cys6)
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

#### Description

Isotocin ((Ser4,Ile8)-Oxytocin) is a polypeptide that can be found by peptide screening. Peptide screening is a research tool that pools active peptides primarily by immunoassay. Peptide screening can be used for protein interaction, functional analysis, epitope screening, especially in the field of agent research and development<sup>[1]</sup>.

### REFERENCES

[1]. Birnbaum S, et al. Peptide screening. Current Opinion in Biotechnology, 1992, 3(1): 49-54.

**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