

## Red pigment-concentrating hormone

Cat. No.:	HY-P3824
CAS No.:	37933-92-9
Molecular Formula:	C <sub>45</sub> H <sub>59</sub> N <sub>11</sub> O <sub>11</sub>
Molecular Weight:	930.02
Sequence:	{Glp}-Leu-Asn-Phe-Ser-Pro-Gly-Trp-NH <sub>2</sub>
Sequence Shortening:	{Glp}-LNFSPGW-NH <sub>2</sub>
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

#### Description

Red pigment-concentrating hormone is a chromatophorotropic hormone and is synthesized in the eyestalk. Red pigment-concentrating hormone may play a role as a downstream hormone of 5-HT<sup>[1]</sup>.

### REFERENCES

[1]. Kornthong N, et al. Characterization of red pigment concentrating hormone (RPCH) in the female mud crab (*Scylla olivacea*) and the effect of 5-HT on its expression. *Gen Comp Endocrinol.* 2013 May 1;185:28-36.

**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