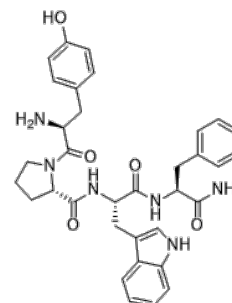


**Product Name** : Endomorphin-1  
**Cat. No.** : PC-26572  
**CAS No.** : 189388-22-5  
**Molecular Formula** : C<sub>34</sub>H<sub>38</sub>N<sub>6</sub>O<sub>5</sub>  
**Molecular Weight** : 610.72  
**Target** : Opioid Receptor  
**Solubility** : 10 mM in DMSO



## Biological Activity

Endomorphin-1 (EM-1, Endomorphin 1) a high affinity, highly selective agonist mu-opioid receptor ( $\mu$ OR,  $\mu$ OR) agonist with  $K_i$  of 1.11 nM, displays reasonable affinities for kappa3 binding sites, has antinociceptive properties.

## References

Harrison C, et al. Br J Pharmacol. 1999 Sep;128(2):472-8.

Zhang WP, et al. Mol Med Rep. 2016 Oct;14(4):3992-8.

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

E-mail: tech@probechem.com