

## Product Datasheet

### Endomorphin-1 peptide (orb216570)

<b>Description</b>	Endomorphin-1 peptide
<b>Form/Appearance</b>	Lyophilized powder
<b>Storage</b>	Shipped at 4°C. Store at -20°C for one year.
<b>Note</b>	For research use only
<b>Application notes</b>	Endomorphin-1 (YPWF-amide) is the most potent and selective endogenous agonist for the mu-opiate receptor so far described (K <sub>i</sub> = 360 pM; 4'000- and 15'000-fold preference over the delta and kappa receptors). It may be a natural ligand for this receptor.
<b>Protein Sequence</b>	H-Tyr-Pro-Trp-Phe-NH <sub>2</sub>
<b>Formula</b>	C <sub>34</sub> H <sub>38</sub> N <sub>6</sub> O <sub>5</sub>
<b>Purity</b>	> 95%
<b>Source</b>	Synthetic
<b>MW</b>	610.72
<b>CAS Number</b>	189388-22-5
<b>Expiration Date</b>	12 months from date of receipt.

