

## Product Datasheet

### Endomorphin-2 peptide (orb216571)

<b>Catalog Number</b>	orb216571
<b>Category</b>	Proteins
<b>Description</b>	Endomorphin-2 peptide
<b>Form/Appearance</b>	Lyophilized powder
<b>Purity</b>	> 95%
<b>Protein Sequence</b>	H-Tyr-Pro-Phe-Phe-NH <sub>2</sub>
<b>MW</b>	571.68
<b>Application notes</b>	Endomorphin-2 (YPFF-amide) shows, as endomorphin-1, the highest affinity and specificity for the mu-opiate receptor found so far in the mammalian nervous system. It has potent mu-selective bioactivity, including analgesia. Szegedi et al. showed that endomorphin-2 protects against Aβ 1-42 in vitro and in vivo.
<b>Source</b>	Synthetic
<b>CAS Number</b>	141801-26-5
<b>Formula</b>	C <sub>32</sub> H <sub>37</sub> N <sub>5</sub> O <sub>5</sub>
<b>Storage</b>	Shipped at 4°C. Store at -20°C for one year.
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.

**Biorbyt Ltd.**

7 Signet Court, Swann Road  
Cambridge  
CB5 8LA  
United Kingdom

Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)

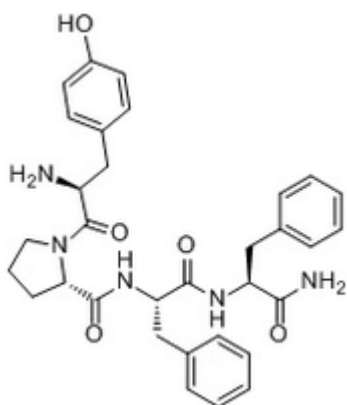
Phone: [+44 \(0\)1223 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

**Biorbyt LLC**

68 TW Alexander Drive  
Research Triangle Park  
Durham  
NC 27713-2847  
United States

Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)

Phone: [+1 \(415\) 906-5211](tel:+1(415)906-5211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)



Chemical structure of orb216571.

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7 Signet Court, Swann Road  
Cambridge  
CB5 8LA  
United Kingdom

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Phone: [+44 \(0\)1223 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

**Biorbyt LLC**

68 TW Alexander Drive  
Research Triangle Park  
Durham  
NC 27713-2847  
United States

Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)

Phone: [+1 \(415\) 906-5211](tel:+1(415)906-5211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)