

Product Datasheet

Endomorphin-1 peptide (orb216570)

Catalog Number	orb216570
Category	Proteins
Description	Endomorphin-1 peptide
Form/Appearance	Lyophilized powder
Purity	> 95%
Protein Sequence	H-Tyr-Pro-Trp-Phe-NH ₂
MW	610.72
Application notes	Endomorphin-1 (YPWF-amide) is the most potent and selective endogenous agonist for the mu-opiate receptor so far described (K _i = 360 pM; 4'000- and 15'000-fold preference over the delta and kappa receptors). It may be a natural ligand for this receptor.
Source	Synthetic
CAS Number	189388-22-5
Formula	C ₃₄ H ₃₈ N ₆ O ₅
Storage	Shipped at 4°C. Store at -20°C for one year.
Note	For research use only
Expiration Date	12 months from date of receipt.

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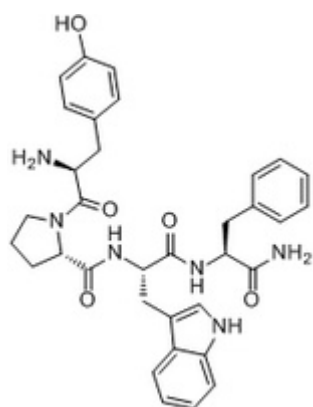
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Chemical structure of orb216570.

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