

Product Datasheet

Endomorphin-1 peptide (orb216570)

Description	Endomorphin-1 peptide
Form/Appearance	Lyophilized powder
Storage	Shipped at 4°C. Store at -20°C for one year.
Note	For research use only
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.
Protein Sequence	H-Tyr-Pro-Trp-Phe-NH ₂
Formula	C ₃₄ H ₃₈ N ₆ O ₅
Purity	> 95%
Source	Synthetic
MW	610.72
CAS Number	189388-22-5
Expiration Date	12 months from date of receipt.

