Product Data Sheet

[Leu31, Pro34]-Neuropeptide Y (Porcine)

Catalog #	Source	Reactivity	Applications
CCP1532	Synthetic		

Description	Peptide to [Leu31, Pro34]-Neuropeptide Y (Porcine)
Biological Description	This NPY analog is a highly potent and selective ligand for Y_1 receptors in different cell lines and tissues. It has therefore been used to detect the NPY/PYY receptor subtype distribution, e.g., in rat brain. The peptide is also active in vivo, showing an even higher potency than NPY in increasing blood pressure in anesthetized rats
Form	Lyophilized powder
CAS Number	125580-28-1
Molecular Formula	C190H286N54O56
Molecular Weight	4222.70
Purity	> 95%
Chemical Structure	Tyr - Pro - Ser - Lys - Pro - Asp - Asn - Pro - Gly - Glu - Asp - Ala - Pro - Ala - Glu - Asp - Met - Ala - Arg - Tyr - Tyr - Ser - Ala - Leu - Arg - His - Tyr - Ile - Asn - Leu - Leu - Thr - Arg - Pro - Arg - Tyr - NH2
Storage/Stability	Shipped at 4°C. Store at -20°C for one year.
Structure	

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