

Hello Bio, Inc.
304 Wall St., Princeton, NJ 08540 USA

T. 609-683-7500
F. 609-228-4994

customercare-usa@m2stage.hellobio.com



DATASHEET

Neuropeptide Y 13-36 (porcine)

Product overview

Name	Neuropeptide Y 13-36 (porcine)
Cat No	HB2916
Biological description	C-terminal Neuropeptide Y fragment (13-36) which acts as a neuropeptide Y2 receptor agonist. Elicits vasopressor responses following central administration.
Alternative names	NPY 13-36 (porcine)
Biological action	Peptide
Purity	>95%
Description	Neuropeptide Y2 receptor agonist.

Solubility & Handling

Storage instructions	-20 °C
Solubility overview	Soluble in water (0.8 mg/ml)
Important	This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use

Chemical Data

Chemical name	PAEDLARYYSALRHYINLITRQRY (modifications: Tyr-24 = C-terminal amide)
Molecular Weight	2982.41
Chemical structure	
Molecular Formula	C ₁₃₅ H ₂₀₉ N ₄₁ O ₃₆
Sequence (one letter)	PAEDLARYYSALRHYINLITRQRY
Sequence (three letter)	H-Pro-Ala-Glu-Asp-Leu-Ala-Arg-Tyr-Tyr-Ser-Ala-Leu-Arg-His-Tyr-Ile-Asn-Leu-Ile-Thr-Arg-Gln-Arg-Tyr-NH ₂
Modifications	Tyr-24 = C-terminal amide
CAS Number	113662-54-7
PubChem identifier	71308560
SMILES	CC[C@H](C)[C@@H](C(=O)N[C@@H](CC(=O)N)C(=O)N[C@@H](CC(C)C)C(=O)N[C@@H]([C@@H](C)CC)C(=O)N[C@@H]([C@@H](C)O)C(=O)N[C@@H](CCCNC(=N)N)C(=O)N[C@@H](CCC(=O)N)C(=O)N[C@@H](CCCNC(=N)N)C(=O)N[C@@H](CC1=CC=C(C=C1)O)C(=O)N[C@@H](CC2=CC=C(C=C2)O)NC(=O)[C@H](CC3=CNC(=O)[C@H](CCCNC(=N)N)NC(=O)[C@H](CC(C)C)NC(=O)[C@H](C)NC(=O)[C@H](CO)NC(=O)[C@H](CC4=CC=C(C=C4)O)NC(=O)[C@H](CC5=CC=C(C=C5)O)NC(=O)[C@H](CCCNC(=N)N)NC(=O)[C@H](C)NC(=O)[C@H](CC(C)C)NC(=O)[C@H](CC(=O)O)NC(=O)[C@H](CCC(=O)O)NC(=O)[C@H](C)NC(=O)[C@@H]6CCCN6
InChiKey	HEALDAASUSTTPJ-QGTLAHJGSA-N
MDL number	MFCD00131713
Protein length	24