

Analytical Data Sheet

Lot number	1000030338 not for drug use
Product	VIP (human, mouse, rat) acetate salt H-His-Ser-Asp-Ala-Val-Phe-Thr-Asp-Asn-Tyr-Thr-Arg-Leu-Arg-Lys-Gln-Met-Ala-Val-Lys-Lys-Tyr-Leu-Asn-Ser-Ile-Leu-Asn-NH ₂ acetate salt
Product number	4011611.0001
Molecular formula	C ₁₄₇ H ₂₃₈ N ₄₄ O ₄₂ S
Relative molecular mass	3325.84

Tests	Results																				
Appearance	white powder																				
Appearance of solution	clear, colorless solution (1 mg/mL in H ₂ O)																				
Identification (ESI-MS)	m= 3323.7 Da (monoisotopic mass)																				
Amino acid analysis	<table> <tr> <td>Asx 5.1 (5)</td><td>Phe 0.9 (1)</td></tr> <tr> <td>Thr 2.0 (2)</td><td>His 1.0 (1)</td></tr> <tr> <td>Ser 1.9 (2)</td><td>Lys 3.0 (3)</td></tr> <tr> <td>Glx 1.0 (1)</td><td>Arg 2.1 (2)</td></tr> <tr> <td>Ala 2.0 (2)</td><td></td></tr> <tr> <td>Val 1.9 (2)</td><td></td></tr> <tr> <td>Met 0.9 (1)</td><td></td></tr> <tr> <td>Ile 1.0 (1)</td><td></td></tr> <tr> <td>Leu 3.0 (3)</td><td></td></tr> <tr> <td>Tyr 2.0 (2)</td><td></td></tr> </table>	Asx 5.1 (5)	Phe 0.9 (1)	Thr 2.0 (2)	His 1.0 (1)	Ser 1.9 (2)	Lys 3.0 (3)	Glx 1.0 (1)	Arg 2.1 (2)	Ala 2.0 (2)		Val 1.9 (2)		Met 0.9 (1)		Ile 1.0 (1)		Leu 3.0 (3)		Tyr 2.0 (2)	
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Tyr 2.0 (2)																					
Solubility	clear and colorless solution																				
Purity (HPLC)	≥ 99%																				
Peptide content	87.2%																				

Latest update:

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