

Analytical Data Sheet

Lot number	1000036091 not for drug use
Product	Intermedin (human) trifluoroacetate salt H-Thr-Gln-Ala-Gln-Leu-Leu-Arg-Val-Gly-Cys-Val-Leu-Gly-Thr-Cys-Gln-Val-Gln-Asn-Leu-Ser-His-Arg-Leu-Trp-Gln-Leu-Met-Gly-Pro-Ala-Gly-Arg-Gln-Asp-Ser-Ala-Pro-Val-Asp-Pro-Ser-Ser-Pro-His-Ser-Tyr-NH ₂ trifluoroacetate salt (Disulfide bond)
Product number	4044529.1000
Molecular formula	C ₂₁₉ H ₃₄₉ N ₆₉ O ₆₆ S ₃
Relative molecular mass	5100.80

Tests	Results
Appearance	white powder
Identification (MALDI-MS)	m = 5100.2u
Amino acid analysis	Asx 3.2 (3) Cys* 0.2 (2) Glx 5.8 (6) Leu 5.8 (6) Ala 3.2 (3) Trp* 0.6 (1) Met 0.9 (1) Ser 4.7 (5) His 2.1 (2) Gly 4.2 (4) Thr 1.9 (2) Val 3.6 (4) Pro** 4.7 (4) Tyr 1.1 (1) Arg 3.0 (3)
	* partially destroyed during acid hydrolysis ** Proline value high due to the incorporation of Cys.
Solubility	soluble in water
Purity (HPLC)	> 97%
Assay (AAA)	78.9%