

Analytical Data Sheet

Lot number **1069222**
not for drug use

Catalog number H-6068.0500
Product number 4044531.0500
Product **Intermedin (rat) trifluoroacetate salt**
 H- Pro- His- 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- Val- Arg- Pro- Ser- Gly- Arg-
 Arg- Asp- Ser- Ala- Pro- Val- Asp- Pro- Ser- Ser- Pro-
 His- Ser- Tyr- NH₂ trifluoroacetate salt
 (Disulfide bond)
Molecular formula C₂₂₆H₃₆₁N₇₅O₆₄S₂
Relative molecular mass 5216.95

Tests	Results
Appearance	white powder
Identification (MALDI-MS)	m = 5217.0u
Amino acid analysis	Asx 3.1 (3) Thr 1.0 (1) Ser* 5.0 (6) Glx 4.0 (4) Pro** 5.9 (5) Gly 3.1 (3) Ala 2.0 (2) Cys* 0.1 (2) Val 4.9 (5) Leu 5.6 (6) Tyr 1.0 (1) His 3.1 (3) Trp* 0.8 (1) Arg 5.2 (5) * partially destroyed during hydrolysis ** Proline value high due to the incorporation of Cys
Solubility	soluble in 0.1% trifluoroacetic acid in water
Purity (HPLC)	> 95%
Assay (AAA)	84.6%

Latest update: December 23, 2016

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