

## Analytical Data Sheet

Lot number **1000013220**  
not for drug use

**Catalog number** H-6064.0500  
**Product number** 4044529.0500  
**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<sub>2</sub> trifluoroacetate salt  
 (Disulfide bond)  
**Molecular formula** C<sub>219</sub>H<sub>349</sub>N<sub>69</sub>O<sub>66</sub>S<sub>3</sub>  
**Relative molecular mass** 5100.80

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

Latest update: March 06, 2019

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