

Analytical Data Sheet

Lot number **1000025370**
not for drug use

Catalog number H-7252.0500
Product number 4072025.0500
Product ($[^{13}\text{C}_6]\text{Leu}^5$) - Ghrelin (human) trifluoroacetate salt
H- Gly- Ser- Ser(octanoyl) - Phe- $[^{13}\text{C}_6]\text{Leu}$ - Ser- Pro-
Glu- His- Gln- Arg- Val- Gln- Gln- Arg- Lys- Glu- Ser-
Lys- Lys- Pro- Pro- Ala- Lys- Leu- Gln- Pro- Arg- OH
trifluoroacetate salt
Molecular formula $\text{C}_{143}^{13}\text{C}_6\text{H}_{249}\text{N}_{47}\text{O}_{42}$
Relative molecular mass 3376.84

Tests	Results
Appearance	white powder
Identification (MALDI-MS)	m= 3376.6u
Amino acid analysis	Ser* 3.6 (4) Ala 1.1 (1) His 1.1 (1) Gly 1.1 (1) Phe 1.0 (1) Leu 2.0 (2) Arg 2.9 (3) Lys 4.0 (4) Pro 4.0 (4) Glx 5.8 (6) Val 1.2 (1) * Partially destroyed during acid hydrolysis
Solubility	soluble in water
Purity (HPLC)	> 98%
Assay (AAA)	72.9%

Latest update: November 27, 2019

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