

Analytical Data Sheet

Lot number **1068703**
not for drug use

Catalog number H-7234.0500
Product number 4072021.0500
Product ($^{13}\text{C}_6$]Leu¹⁵) - pTH (1- 34) (human) trifluoroacetate salt
 H- Ser- Val- Ser- Glu- Ile- Gln- Leu- Met- His- Asn- Leu- Gly- Lys- His- [$^{13}\text{C}_6$]Leu- Asn- Ser- Met- Glu- Arg- Val- Glu- Trp- Leu- Arg- Lys- Lys- Leu- Gln- Asp- Val- His- Asn- Phe- OH trifluoroacetate salt
Molecular formula $\text{C}_{175}^{13}\text{C}_6\text{H}_{291}\text{N}_{55}\text{O}_{51}\text{S}_2$
Relative molecular mass 4123.71

Tests	Results
Appearance	white powder
Identification (MALDI-MS)	m= 4123.8u
Amino acid analysis	Asx 4.1 (4) Ser 2.8 (3) Met* 1.2 (2) Gly 1.1 (1) Val 2.9 (3) Phe 1.0 (1) Ile 1.1 (1) Leu 5.0 (5) Trp* 0.2 (1) His 2.8 (3) Lys 3.0 (3) Arg 1.9 (2) Glx 5.1 (5) * partially destroyed during acid hydrolysis
Solubility	soluble in water
Purity (HPLC)	> 95%
Assay (AAA)	69.3%

Latest update: November 15, 2016

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