

Analytical Data Sheet

Lot number **1068205**
not for drug use

Catalog number H-6786.0500
Product number 4069253.0500
Product **pTH (2- 34) (human) acetate salt**
H- Val- Ser- Glu- Ile- Gln- Leu- Met- His- Asn- Leu- Gly-
Lys- His- Leu- Asn- Ser- Met- Glu- Arg- Val- Glu- Trp-
Leu- Arg- Lys- Lys- Leu- Gln- Asp- Val- His- Asn- Phe-
OH acetate salt
Molecular formula $C_{178}H_{286}N_{54}O_{49}S_2$
Relative molecular mass 4030.70

Tests	Results
Appearance	white powder
Identification (MALDI-MS)	4030.57
Amino acid analysis	Asx 4.19(4) Met* 1.55(2) Lys 3.23(3) Ser 1.89(2) Ile 0.91(1) Trp* 0.54(1) Glx 5.16(5) Leu 4.51(5) Arg 2.05(2) Gly 1.03(1) Phe 0.92(1) Val** 2.61(3) His** 2.88(3) *Partially destroyed during acid hydrolysis **Valine and histidine values low due to the resistance of the Val-His bond to acid hydrolysis
Solubility	soluble in water at 1mg/mL
Purity (HPLC)	97.0%
Assay (AAA)	98.2%

Latest update: October 13, 2016

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