

Analytical Data Sheet

Lot number

0522461

not for drug use

Catalog Number

H-6810.0500

Product number

4031191.0500

Product

**pTH- Related Protein (1- 40) (human, mouse, rat)
trifluoroacetate salt**

H- Ala- Val- Ser- Glu- His- Gln- Leu- Leu- His- Asp- Lys-
Gly- Lys- Ser- Ile- Gln- Asp- Leu- Arg- Arg- Arg- Phe- Phe-
Leu- His- His- Leu- Ile- Ala- Glu- Ile- His- Thr- Ala- Glu- Ile-
Arg- Ala- Thr- Ser- OH trifluoroacetate salt

Molecular formula

$C_{207}H_{334}N_{66}O_{58}$

Relative molecular mass

4675.34

Tests	Results
Identification (FAB-MS)	as expected
Amino acid analysis	Asx 2.40 (2) Thr 2.00 (2) Val 1.00 (1) Glx 5.20 (5) Gly 1.10 (1) Leu* 4.50 (5) Ala 4.20 (4) Ile* 3.50 (4) His 4.60 (5) Phe 2.10 (2) Lys 2.10 (2) Arg 3.90 (4) Ser 2.50 (3) * Longer hydrolysis times required for quantitative recovery of hydrophobic amino acids (Leu-Leu and Ile-Leu)
Solubility	at least 1 mg/ml in 0.1 % TFA in water with agitation
Purity (HPLC)	94.0% (TFA) 96.4% (NaClO ₄)
Peptide content	80%
Latest update: May 13, 2013	Analytical Data Sheet Lot number 0522461