

# Analytical Data Sheet

Lot number

## 1015741

not for drug use

Catalog Number

H-6146.1000

Product number

4046380.1000

Product

**Neuropeptide W- 30 (rat) trifluoroacetate salt**

H- Trp- Tyr- Lys- His- Val- Ala- Ser- Pro- Arg- Tyr-  
His- Thr- Val- Gly- Arg- Ala- Ser- Gly- Leu- Leu- Met-  
Gly- Leu- Arg- Arg- Ser- Pro- Tyr- Leu- Trp- OH  
trifluoroacetate salt

Molecular formula

$C_{165}H_{249}N_{49}O_{38}S$

Relative molecular mass

3559.17

Tests	Results
Appearance	white powder
Identification (MALDI-MS)	m = 3559.0u
Amino acid analysis	Thr* 0.9 (1) Ser* 2.7 (3) Val 1.9 (2) Gly 3.1 (3) Ala 2.0 (2) Tyr 3.0 (3) Met 1.0 (1) Leu 4.0 (4) Trp* 1.7 (2) His 1.9 (2) Lys 1.0 (1) Arg 4.1 (4) Pro 2.0 (2)  * partially destroyed during acid hydrolysis
Solubility	soluble in water
Purity (HPLC)	> 97%
Assay (AAA)	72.0%
Latest update: October 24, 2008	<b>Analytical Data Sheet</b> Lot number <b>1015741</b>