

Analytical Data Sheet

Lot number

1026607

not for drug use

Catalog Number

H-6164.0500

Product number

4046860.0500

Product

Neuropeptide S (rat) trifluoroacetate salt

H- Ser- Phe- Arg- Asn- Gly- Val- Gly- Ser- Gly- Val- Lys-
Lys- Thr- Ser- Phe- Arg- Arg- Ala- Lys- Gln- OH
trifluoroacetate salt

Molecular formula

$C_{95}H_{160}N_{34}O_{27}$

Relative molecular mass

2210.53

Tests	Results
Appearance	white powder
Identification (MALDI-MS)	m = 2210.4u
Amino acid analysis	Asx 1.0 (1) Gly 3.0 (3) Glx 1.1 (1) Phe 2.1 (2) Val 1.9 (2) Ser* 2.7 (3) Arg 3.0 (3) Ala 1.1 (1) Thr 1.0 (1) Lys 2.9 (3) * partially destroyed during acid hydrolysis
Solubility	soluble in water
Purity (HPLC)	> 95%
Assay (AAA)	73.6%
Latest update: September 17, 2009	
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