

Analytical Data Sheet

Lot number

1019202

not for drug use

Catalog Number

H-5546.1000

Product number

4037535.1000

Product

Stresscopin (human)

H- Thr- Lys- Phe- Thr- Leu- Ser- Leu- Asp- Val- Pro-
 Thr- Asn- Ile- Met- Asn- Leu- Leu- Phe- Asn- Ile-
 Ala- Lys- Ala- Lys- Asn- Leu- Arg- Ala- Gln- Ala- Ala-
 Ala- Asn- Ala- His- Leu- Met- Ala- Gln- Ile- NH₂

Molecular formula

C₁₉₅H₃₂₆N₅₆O₅₃S₂

Relative molecular mass

4367.21

Tests	Results
Appearance	white powder
Identification (MALDI-MS)	m = 4367.1 u
Amino acid analysis	Asx 6.2 (6) Thr* 2.4 (3) Ser* 0.7 (1) Glx 2.0 (2) Pro 1.0 (1) Ala 8.2 (8) Val 1.0 (1) Met* 0.4 (2) Ile 2.7 (3) Leu 5.8 (6) Phe 1.9 (2) His 1.1 (1) Lys 3.1 (3) Arg 1.1 (1) *partially destroyed during acid hydrolysis
Solubility	soluble in water
Purity (HPLC)	> 98%
Assay (AAA)	84.7%
General comment	product supplied as trifluoroacetate salt

Latest update: October 24, 2008

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