

# Analytical Data Sheet

Lot number

**1010657**

not for drug use

Catalog Number

H-1566.1000

Product number

4025090.1000

Product

**Prion Protein (106– 126) (human) trifluoroacetate salt**  
 H- Lys- Thr- Asn- Met- Lys- His- Met- Ala- Gly- Ala-  
 Ala- Ala- Ala- Gly- Ala- Val- Val- Gly- Gly- Leu- Gly-  
 OH trifluoroacetate salt

Molecular formula

$C_{80}H_{138}N_{26}O_{24}S_2$

Relative molecular mass

1912.27

Tests	Results
<b>Appearance</b>	white powder
<b>Appearance of solution</b>	clear, colorless solution (50 mg/ml in water)
<b>Identification (ESI-MS)</b>	m = 1912.3u (average mass)
<b>Amino acid analysis</b>	Asx 1.09 (1) Thr 1.07 (1) Gly 5.12 (5) Ala 6.46 (6) Val 1.80 (2) Met 2.01 (2) Leu 1.00 (1) Lys 2.16 (2) His 1.08 (1)
<b>Purity (HPLC)</b>	98.2% (TFA) 97.1% (TEAP) 98.5% (NaClO <sub>4</sub> )
<b>Assay (elemental analysis)</b>	77.4% (Nth 19.04 %, Nfd 14.73 %)
<b>General comment</b>	Product supplied as a trifluoroacetate salt
Latest update: October 24, 2008	<b>Analytical Data Sheet</b> Lot number <b>1010657</b>