

# Analytical Data Sheet

Lot number

**1048053**

not for drug use

Catalog Number

**N-1745.0500**

Product number

**4031297.0500**

Product

**Tertiapin**

H- Ala- Leu- Cys- Asn- Cys- Asn- Arg- Ile- Ile- Ile- Pro- His-  
Met- Cys- Trp- Lys- Lys- Cys- Gly- Lys- Lys- NH<sub>2</sub>  
(Disulfide bonds between Cys<sup>3</sup> and Cys<sup>14</sup>/Cys<sup>5</sup> and Cys<sup>18</sup>)

Molecular formula

C<sub>106</sub>H<sub>176</sub>N<sub>34</sub>O<sub>23</sub>S<sub>5</sub>

Relative molecular mass

2455.11

Tests	Results
Appearance	white lyophilisate
Appearance of solution	clear, colorless solution (1 mg/mL in 0.1% trifluoroacetic acid)
Identification (ESI-MS)	m = 2455.0u (average mass)
Purity (HPLC)	96.5% (TFA)  95.2% (TEAP)
Assay (elemental analysis)	70.8% (Nth 19.40%, Nfd 13.74%)
General comment	product supplied as TFA salt
Latest update: July 08, 2013	<p style="text-align: right;"><b>Analytical Data Sheet</b> Lot number <b>1048053</b></p>