

# Analytical Data Sheet

Lot number

## 1022343

not for drug use

**Catalog Number**

H-4930.0025

**Product number**

4018117.0025

**Product**

**Ranatensin**

Pyr- Val- Pro- Gln- Trp- Ala- Val- Gly- His- Phe- Met-  
NH<sub>2</sub>

**Molecular formula**

C<sub>61</sub>H<sub>84</sub>N<sub>16</sub>O<sub>13</sub>S

**Relative molecular mass**

1281.50

Tests	Results
<b>Appearance</b>	white powder
<b>Identification (FAB-MS)</b>	[M + H] <sup>+</sup> : m/z = 1281 u
<b>Amino acid analysis</b>	Glx 2.04 (2) His 1.00 (1) Ala 1.00 (1) Gly 1.05 (1) Phe 1.00 (1) Met 1.05 (1) Pro 0.80 (1) Trp 0.77 (1) Val 1.95 (2)
<b>Solubility</b>	soluble in water
<b>Purity (HPLC)</b>	99.1% (TEAP) 99.5% (NaClO <sub>4</sub> ) 98.3% (TFA)
<b>Assay (elemental analysis)</b>	81 % (Nth 17.49 %, Nfd 14.18 %)
Latest update: February 20, 2009	<b>Analytical Data Sheet</b> Lot number <b>1022343</b>