

# Analytical Data Sheet

Lot number

## 1050672

not for drug use

<b>Catalog Number</b>	<b>M-2350.0005</b>
<b>Product number</b>	<b>4028885.0005</b>
<b>Product</b>	<b>Mca- Lys- Pro- Leu- Gly- Leu- Dap(Dnp) - Ala- Arg- NH<sub>2</sub> trifluoroacetate salt</b>
<b>Molecular formula</b>	<b>C<sub>55</sub>H<sub>80</sub>N<sub>16</sub>O<sub>16</sub></b>
<b>Relative molecular mass</b>	<b>1221.34</b>

Tests	Results
<b>Appearance</b>	yellow lyophilisate
<b>Appearance of solution</b>	clear, yellow solution (1 mg/mL in acetic acid 50%)
<b>Identification (ESI-MS)</b>	m = 1221.3u (average mass)
<b>Amino acid analysis</b>	Gly 1.1 (1)    Leu 2.0 (2) Arg 1.2 (1) Ala 1.0 (1) Pro 1.0 (1) Lys 1.1 (1)  Mca detected at RT 23.6 min
<b>Purity (HPLC)</b>	99.0% (TFA)  98.0% (TEAP)  99.1% (NaClO <sub>4</sub> )
<b>Assay (elemental analysis)</b>	78.9% (Nth 18.35%, Nfd 14.48%)
Latest update: October 29, 2013	<b>Analytical Data Sheet</b> Lot number <b>1050672</b>