

## Analytical Data Sheet

Lot number **1066634**  
not for drug use

**Catalog number** M-2715.0005  
**Product number** 4046362.0005  
**Product** **Renin Substrate 1 trifluoroacetate salt**  
H- Arg- Glu(EDANS) - Ile- His- Pro- Phe- His- Leu- Val-  
Ile- His- Thr- Lys(DABCYL) - Arg- OH trifluoroacetate  
salt  
**Molecular formula** C<sub>109</sub>H<sub>157</sub>N<sub>31</sub>O<sub>22</sub>S<sub>2</sub>  
**Relative molecular mass** 2317.78

Tests	Results
<b>Appearance</b>	red lyophilized powder
<b>Identification (ESI-MS)</b>	m = 2282.7u
<b>Amino acid analysis</b>	Arg 1.9(2) Pro 0.9(1) His 2.7(3) Thr 1.0(1) Ile* 1.3(2) Val* 0.7(1) Leu 1.0(1) Phe 0.9(1)  Other 1: 0.8 (1) Glu (EDANS) Other 2: 0.9 (1) Lys (DABCYL) * Val-Ile bond was partially hydrolyzed during hydrolysis
<b>Solubility</b>	1 mg/mL in H <sub>2</sub> O
<b>Purity (HPLC)</b>	≥ 93.7%
<b>Peptide content</b>	62.6%

Latest update: December 02, 2016

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