

Analytical Data Sheet

Lot number **1000002000**
not for drug use

Catalog number M-2715.0001
Product number 4046362.0001
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 $C_{109}H_{157}N_{31}O_{22}S_2$
Relative molecular mass 2317.78

Tests	Results
Appearance	red lyophilized powder
Identification (ESI-MS)	m = 2282.7u
Amino acid analysis	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
Solubility	1 mg/mL in H ₂ O
Purity (HPLC)	≥ 93.7%
Peptide content	62.6%

Latest update: June 19, 2018

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