

Analytical Data Sheet

Lot number **1073980**
not for drug use

Catalog number H-5474.0500
Product number 4037111.0500
Product **Prepro- Atrial Natriuretic Factor (56- 92) (human) trifluoroacetate salt**
 H- Glu- Val- Val- Pro- Pro- Gln- Val- Leu- Ser- Glu- Pro- Asn- Glu- Glu- Ala- Gly- Ala- Ala- Leu- Ser- Pro- Leu- Pro- Glu- Val- Pro- Pro- Trp- Thr- Gly- Glu- Val- Ser- Pro- Ala- Gln- Arg- OH trifluoroacetate salt
Molecular formula C₁₇₃H₂₇₀N₄₄O₅₇
Relative molecular mass 3878.31

Tests	Results
Appearance	white powder
Identification (MALDI-MS)	m = 3878.2u
Amino acid analysis	Asx 1.04 (1) Pro 8.09 (8) Leu 2.82 (3) Glx 7.85 (8) Val** 4.25 (5) Ala 4.07 (4) Arg 1.01 (1) Trp* 0.85 (1) Ser* 2.88 (3) Thr 1.02 (1) Gly 2.14 (2) * partially destroyed during acid hydrolysis ** Valine value low due to the resistance of the Val-Val bond to acid hydrolysis
Solubility	soluble in water
Purity (HPLC)	> 93%
Assay (AAA)	94.8%
General comment	product supplied as trifluoroacetate salt

Latest update: October 31, 2017

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