

Analytical Data Sheet

Lot number

1013025

not for drug use

Catalog Number

H-3046.1000

Product number

4030382.1000

Product

**Thr- Ala- Pro- Arg- Atrial Natriuretic Factor (1- 28)
(human, bovine, porcine) trifluoroacetate salt**
H- Thr- Ala- Pro- Arg- Ser- Leu- Arg- Arg- Ser- Ser-
Cys- Phe- Gly- Gly- Arg- Met- Asp- Arg- Ile- Gly- Ala-
Gln- Ser- Gly- Leu- Gly- Cys- Asn- Ser- Phe- Arg-
Tyr- OH trifluoroacetate salt
(Disulfide bond)

Molecular formula

$C_{145}H_{234}N_{52}O_{44}S_3$

Relative molecular mass

3505.98

Tests	Results	
Appearance	white powder	
Appearance of solution	clear, colorless solution (1 mg/mL in water)	
Identification (ESI-MS)	m = 3505.1 u	
Amino acid analysis	Asx 2.1 (2) Gly 5.2 (5) Leu 2.1 (2) Thr 0.9 (1) Ala 2.0 (2) Tyr 1.0 (1) Ser 4.4 (5) Cys 1.6 (2) Phe 2.0 (2) Glx 1.0 (1) Met 0.9 (1) Arg 5.9 (6) Pro 0.8 (1) Ile 1.0 (1)	
Purity (HPLC)	≥ 95%	
Peptide content	72%	
Latest update: October 24, 2008		
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