

Analytical Data Sheet

Lot number **1000013477**
not for drug use

Catalog number H-1815.0500
Product number 4030383.0500
Product **Atrial Natriuretic Factor (3- 28) (rat) trifluoroacetate salt**
H- Arg- Arg- Ser- Ser- Cys- Phe- Gly- Gly- Arg- Ile- Asp- Arg- Ile- Gly- Ala- Gln- Ser- Gly- Leu- Gly- Cys- Asn- Ser- Phe- Arg- Tyr- OH trifluoroacetate salt
(Disulfide bond)
Molecular formula $C_{119}H_{189}N_{43}O_{36}S_2$
Relative molecular mass 2862.17

Tests	Results
Appearance	white powder
Identification (ESI-MS)	2862.21
Amino acid analysis	Ala 0.9 (1) Gly 5.0(5) Tyr 0.9(1) Arg 4.6 (5) Ile 1.7(2) Asx 2.0 (2) Leu 0.9(1) Cys 0.0(2*) Phe 1.9(2) Glx 1.0 (1) Ser 3.3(4) *1 Cys was completely destroyed during hydrolysis
Solubility	1 mg/mL in H ₂ O
Purity (HPLC)	97.1%
Peptide content	78.8%

Latest update: April 01, 2019

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