

Analytical Data Sheet

Lot number	1000036683 not for drug use
Product	Acetyl-(D-Arg²)-GRF (1-29) amide (human) trifluoroacetate salt Ac-Tyr-D-Arg-Asp-Ala-Ile-Phe-Thr-Asn-Ser-Tyr-Arg-Lys-Val-Leu-Gly-Gln-Leu-Ser-Ala-Arg-Lys-Leu-Leu-Gln-Asp-Ile-Met-Ser-Arg-NH ₂ trifluoroacetate salt
Product number	4030691.1000
Molecular formula	C ₁₅₄ H ₂₅₅ N ₄₇ O ₄₃ S
Relative molecular mass	3485.08

Tests	Results
Appearance	white powder
Amino acid analysis	Asx 3.1 (3) Met 0.4 (1) Thr 0.8 (1) Ile 1.5 (2) Ser 2.9 (3) Leu 3.7 (4) Glx 2.0 (2) Tyr 1.8 (2) Gly 1.0 (1) Phe 0.7 (1) Ala 2.0 (2) Lys 1.8 (2) Val 0.7 (1) Arg 3.9 (4)
Solubility	at least 1 mg/mL in water with agitation
Purity (HPLC)	> 95% (reverse phase HPLC)
Peptide content	74%
General Comment	Mass analysis: as expected

Latest update: August 19, 2020

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