

Analytical Data Sheet

Lot number **1000054383**
not for drug use

Product **Relaxin H2 (human) trifluoroacetate salt**
(Pyr-Leu-Tyr-Ser-Ala-Leu-Ala-Asn-Lys-Cys-Cys-His-Val-Gly-Cys-Thr-Lys-Arg-Ser-Leu-Ala-Arg-Phe-Cys-OH)A(H-Asp-Ser-Trp-Met-Glu-Glu-Val-Ile-Lys-Leu-Cys-Gly-Arg-Glu-Leu-Val-Arg-Ala-Gln-Ile-Ala-Ile-Cys-Gly-Met-Ser-Thr-Trp-Ser-OH)B trifluoroacetate salt
(Disulfide bonds between Cys¹⁰A and Cys¹⁵A/Cys¹¹A and Cys¹¹B/Cys²⁴A and Cys²³B)

Product number **4039910.1000**

Molecular formula C₂₅₆H₄₀₈N₇₄O₇₄S₈

Relative molecular mass 5963.04

Tests	Results
Appearance	white lyophilisate
Appearance of solution	clear, colorless solution (1 mg/mL in 0.1% trifluoroacetic acid in water)
Identification (ESI-MS)	m = 5963.0u (average mass)
Purity (HPLC)	96.3% (TFA)
Assay (elemental analysis)	80.6% (Nth 17.38%, Nfd 14.00%)

Latest update: August 24, 2021

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