

Analytical Data Sheet

Lot number **1000024665**
not for drug use

Catalog number **H-6784.0200**

Product number **4039910.0200**

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)

Molecular formula $C_{256}H_{408}N_{74}O_{74}S_8$

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: November 18, 2019

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