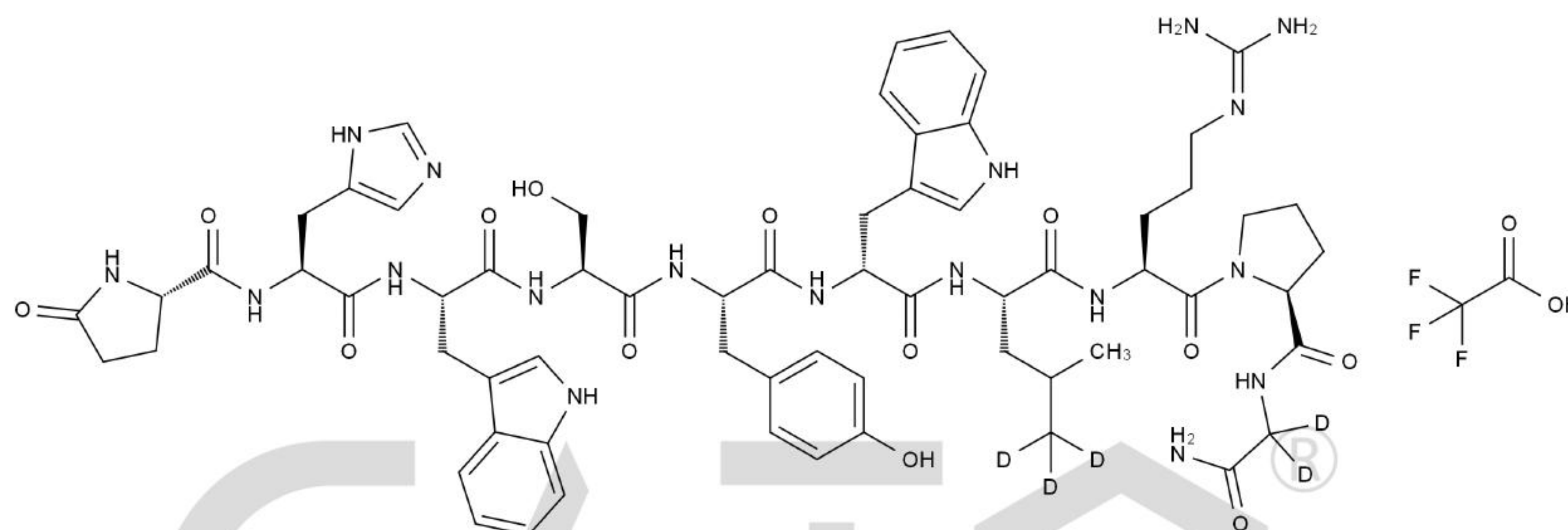


Certificate of Analysis

Reference Material

Product Name:	Triptorelin-d5 Trifluoroacetic Acid Salt	Catalogue Number:	C4X-18621
Chemical Name:	N/A	Lot Number:	1128-RD-0051
CAS Number:	N/A	Expiry Date:	Jun 29, 2025
Molecular Formula:	C ₆₄ H ₇₇ D ₅ N ₁₈ O ₁₃ x(C ₂ HF ₃ O ₂)	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	1316.48 x(114.02)		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Chemical Purity	UPLC	94.00%
Isotopic Purity		99.2%
Water Content	Karl Fischer	9.0%
Assay		85.5%

Comment:

1. TFA Content: 11.86% by Ion Chromatography
2. The calculation of the 100% method follows the formula (calculated on the non-dried basis):

$$\text{Assay (\%)} = (100\% - \text{Water Content}) * \text{Purity UPLC (\%)} / 100\%$$
 Water Content is considered as absolute effect, UPLC purity is considered as relative effect.

Signature:

Prepared by:

Nacy

Reviewed by:

Xenia

Aporoved by General manager:

David

Date: Jun 30, 2021

Date: Dec 09, 2022

Date: Dec 09, 2022

