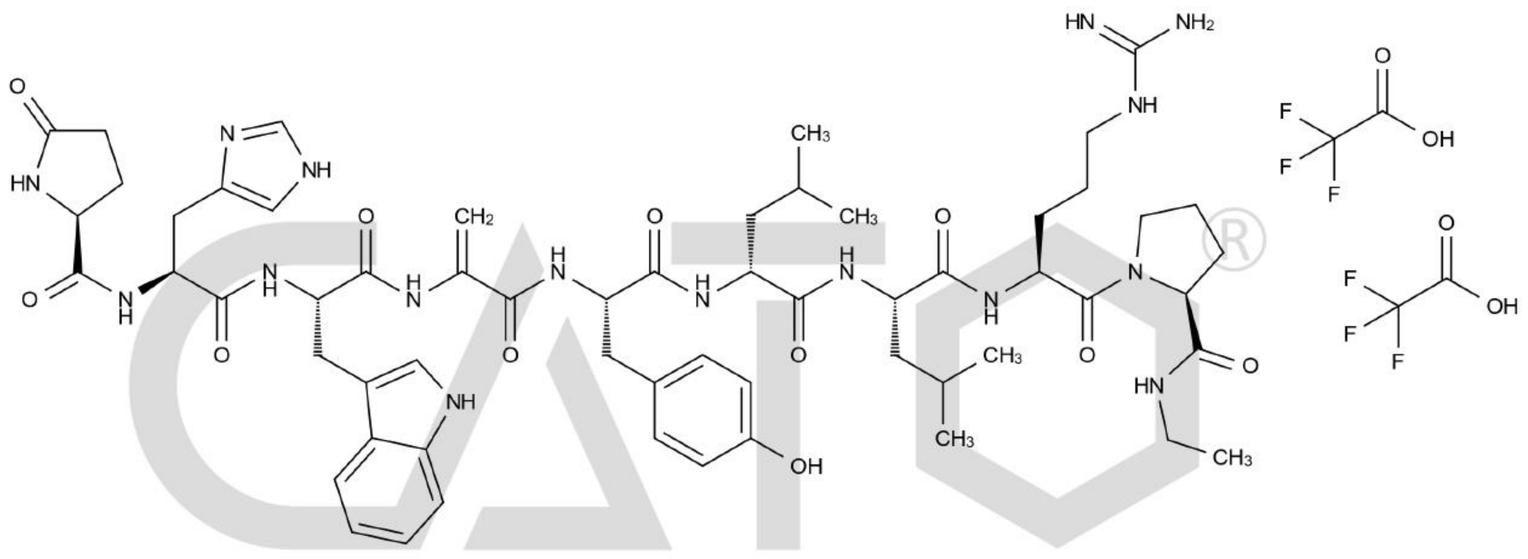
Certificate of Analysis

Reference Material & Standard

Product Name:	Leuprorelin EP Impurity K 2 Trifluoroacetic acid	**Catalogue Number:**	C4X-182235
Synonyms:	N/A	**Lot Number:**	1103-RH-0016
CAS Number:	N/A	**Expiry Date:**	Nov 08, 2030
Molecular Formula:	$C_{59}H_{82}N_{16}O_{11}$ 2*$C_2HF_3O_2$	**Storage:**	-20°C±5°C Protected from light and Sealed
Molecular Weight:	1191.38 2*114.02	**Shipping Condition:**	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	96.5%
Assay	qNMR	93.3%

Signature:

Prepared by: Koi Date: Nov 10, 2026

Reviewed by: Lisa Date: Nov 10, 2026

Approved by General Manager: David Date: Nov 10, 2026

CATO Research Chemicals Inc.