

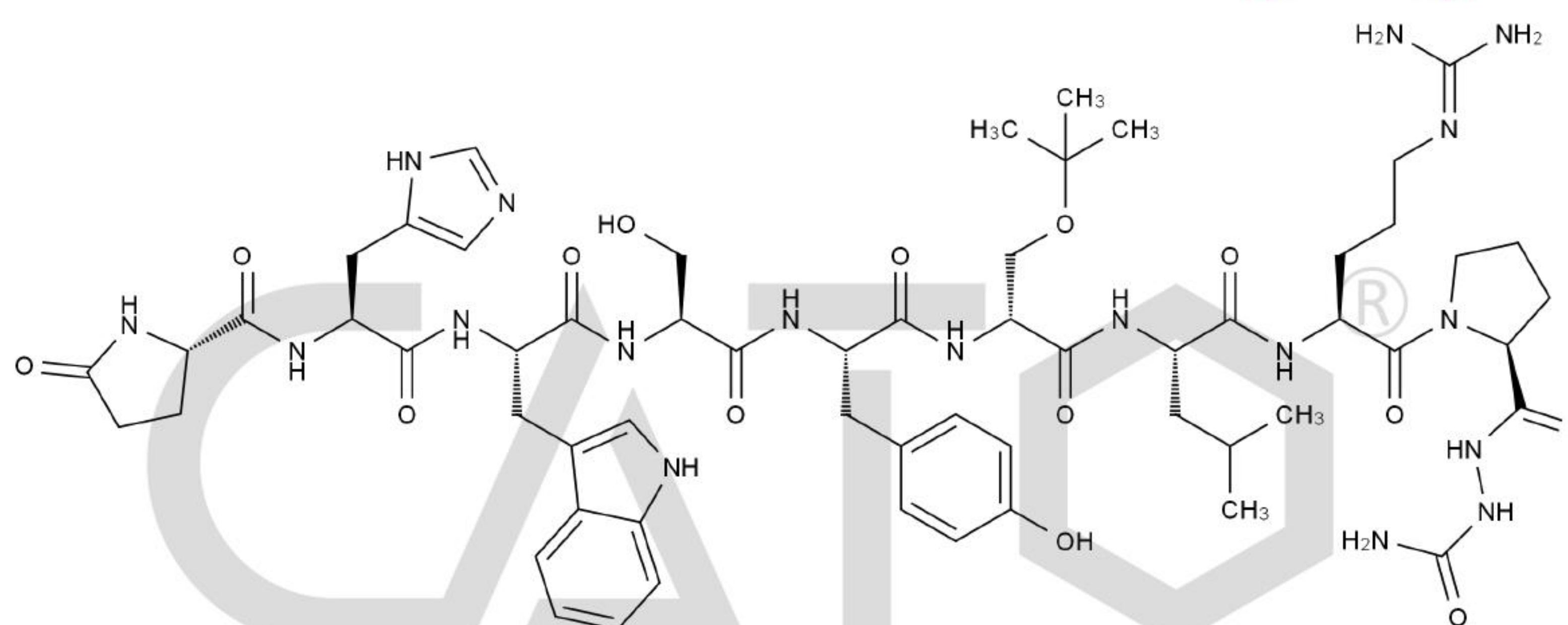
Certificate of Analysis

Reference Material & Standard

Product Name:	Goserelin	Catalogue Number:	C4X-1920
Synonyms:	N/A	Lot Number:	0625-RH-0115
CAS Number:	65807-02-5	Expiry Date:	Jul 07, 2030
Molecular Formula:	C ₅₉ H ₈₄ N ₁₈ O ₁₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	1269.41	Shipping Condition:	Shipping at Room Temperature
Solubility:	Water	Warning:	



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.000%
Peptide Content	Elemental Analysis(N%)	89.2%
Residual Solvents	NMR	5.9% acetic acid
Residue on Ignition	TGA	1.8196%
Loss on Drying	TGA	6.1470%
Assay		86.1%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Residual Solvents - Residue on Ignition - Loss on Drying) * Purity HPLC (%) / 100%

Residual Solvents, Residue on Ignition and Loss on Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Jul 08, 2026

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Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: https://www.cato-chem.com

