

Certificate of Analysis

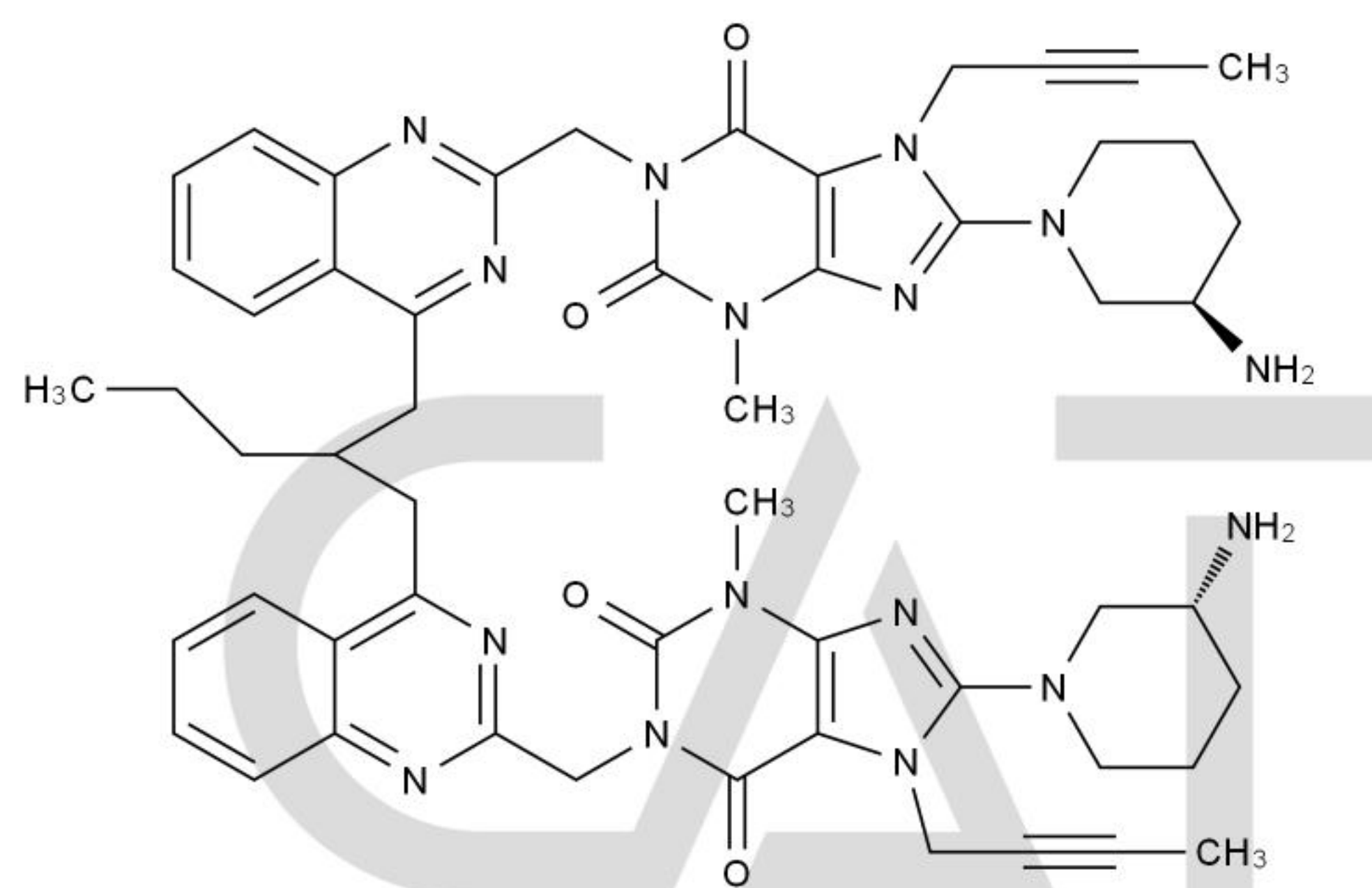
Reference Material & Standard

Product Name:	Linagliptin Dimer Impurity 6	Catalogue Number:	C4X-110150
Synonyms:	N/A	Lot Number:	0319-RH-0103
CAS Number:	N/A	Expiry Date:	Jun 26, 2028
Molecular Formula:	C ₅₄ H ₆₂ N ₁₆ O ₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	999.17	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Solid
Identification	LCMS&IR&HNMR	Confirmed
Purity	HPLC	99.5%
Specific Rotation		[α] _D 20.0(C=0.44, DMSO): -18.8°
Assay	qNMR	86.6%

Signature:

Prepared by:

Reviewed by:

Approved by General Manager:

Date: Mar 20, 2026

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