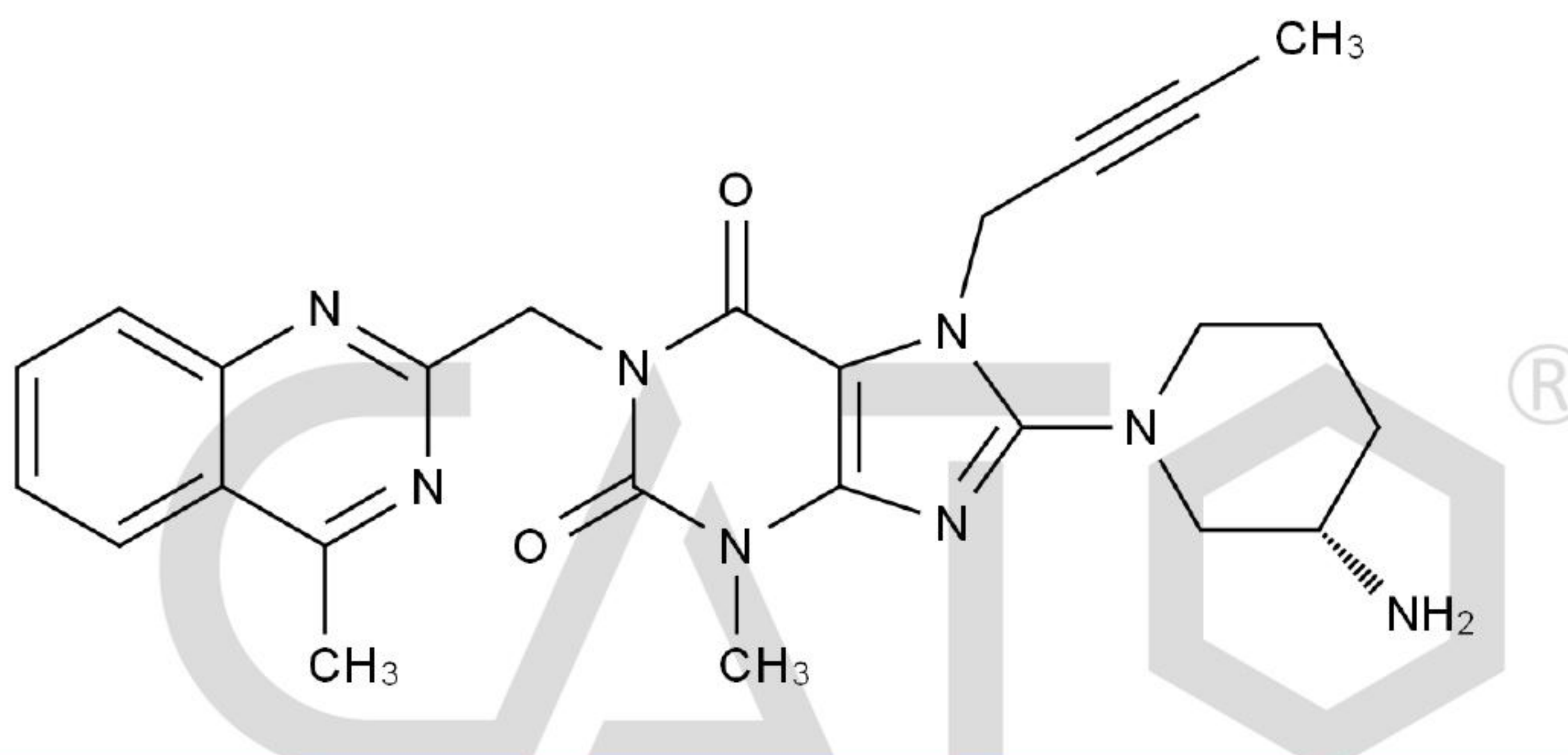


Certificate of Analysis

Reference Material & Standard

Product Name:	Linagliptin Impurity 9	Catalogue Number:	C4X-11019
Synonyms:	N/A	Lot Number:	0604-RG-0050
CAS Number:	668270-11-9	Expiry Date:	Jun 03, 2028
Molecular Formula:	C ₂₅ H ₂₈ N ₈ O ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	472.54	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&UV&CNMR&HNMR	Confirmed
Purity	HPLC	99.7%
Assay	qNMR	90.9%

Signature:

Prepared by:

Hin Lam

Reviewed by:

Koi

Approved by General Manager:

David

Date: Apr 02, 2026

Date: Apr 02, 2026

Date: Apr 02, 2026



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