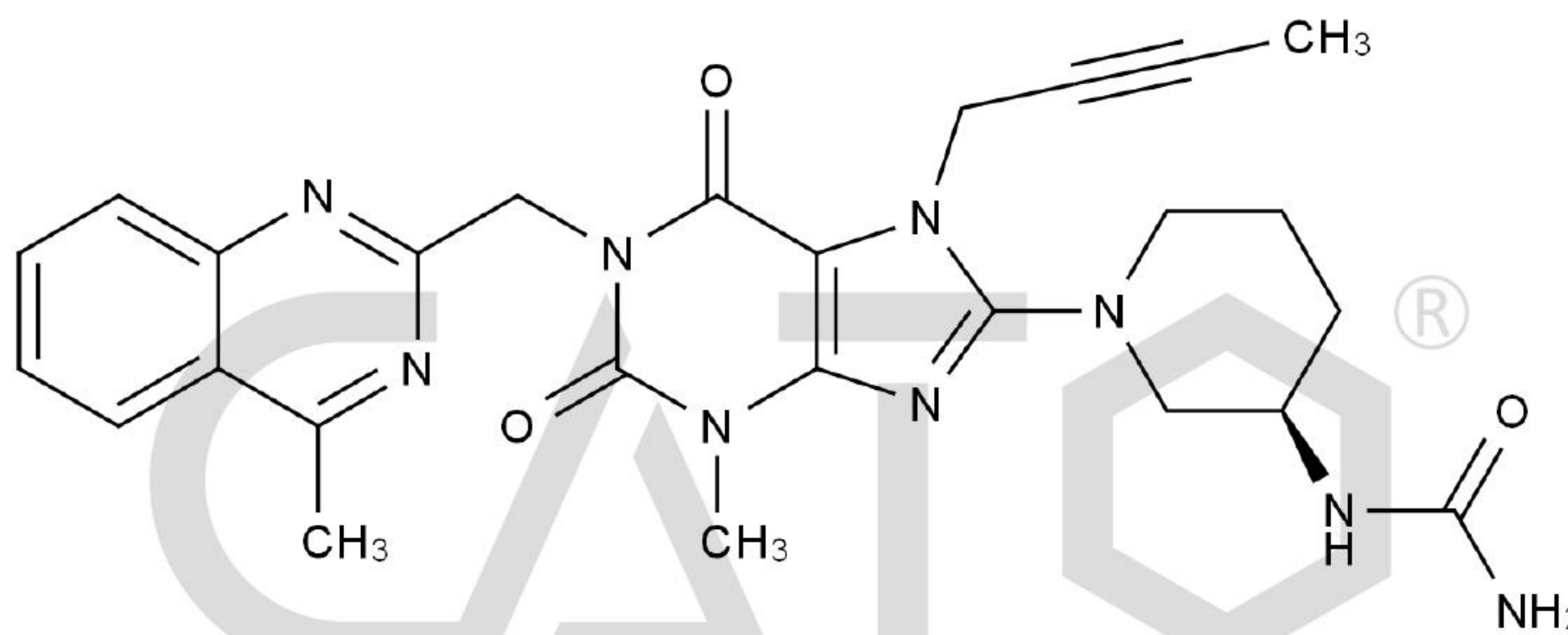


Certificate of Analysis

Reference Material & Standard

Product Name:	Linagliptin Impurity 60	Catalogue Number:	C4X-110160
Synonyms:	N/A	Lot Number:	1222-RG-0121
CAS Number:	1955514-80-3	Expiry Date:	Dec 25, 2029
Molecular Formula:	C ₂₆ H ₂₉ N ₉ O ₃	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	515.57	Shipping Condition:	Shipping with Ice Packs
Solubility:	DMSO		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&IR&UV&CNMR&HNMR	Confirmed
Purity	HPLC	97.6%
Assay	qNMR	94.6%

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Dec 26, 2025

Date: Dec 26, 2025

Date: Dec 26, 2025



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