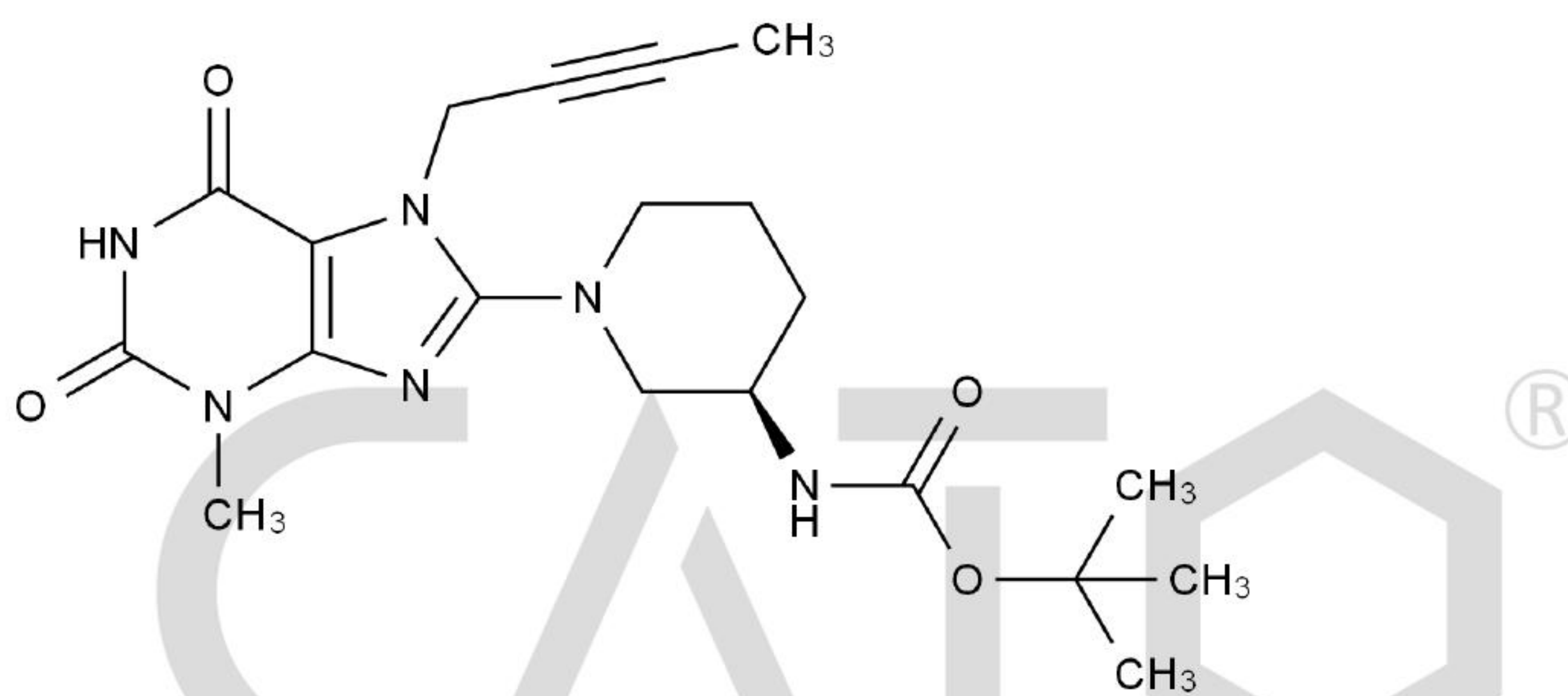


Certificate of Analysis

Reference Material & Standard

Product Name:	Linagliptin Impurity 14	Catalogue Number:	C4X-110114
Synonyms:	N/A	Lot Number:	0822-RG-0034
CAS Number:	666816-91-7	Expiry Date:	Aug 24, 2029
Molecular Formula:	C ₂₀ H ₂₈ N ₆ O ₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	416.47	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.2%
Residual Solvents	NMR	2.5% dichloromethane

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Aug 25, 2025

Date: Aug 25, 2025

Date: Aug 25, 2025

