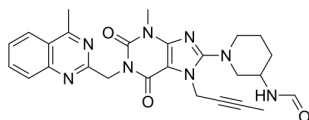


Certificate of Analysis

Compound Information

Product Name:	(R)-N-(1-(7-(But-2-yn-1-yl)-3-methyl-1-((4-methylquinazolin-2-yl)methyl)-2,6-dioxo-2,3,6,7-tetrahydro-1H-purin-8-yl)piperidin-3-yl)formamide (Linagliptin Impurity)
Cat. No.:	1325978
CAS No.:	2137744-33-1
Molecular Formula:	C ₂₆ H ₂₈ N ₈ O ₃
Molecular Weight:	500.55
Chemical Structure:	



Batch Information

Batch No.:	Le1130110798
Storage:	-20°C, stored under nitrogen
Test Date:	2021-12-01
Retest Date:	2024-11-30
Origin:	Shanghai, China

QC Summary

Appearance:	Light yellow to yellow (Solid)
¹H NMR Spectrum:	Consistent with structure
LCMS:	Consistent with structure
Purity (LCMS):	99.74%
Conclusion:	The product has been tested and complies with the given specifications.

Caution: Research use only and are not intended for human use.

Tel: 400-821-0725

E-mail: product@leyan.com

Address: No. 1999 Zhangheng Road, Building 3, Zhangjiang High-Tech Park, Shanghai