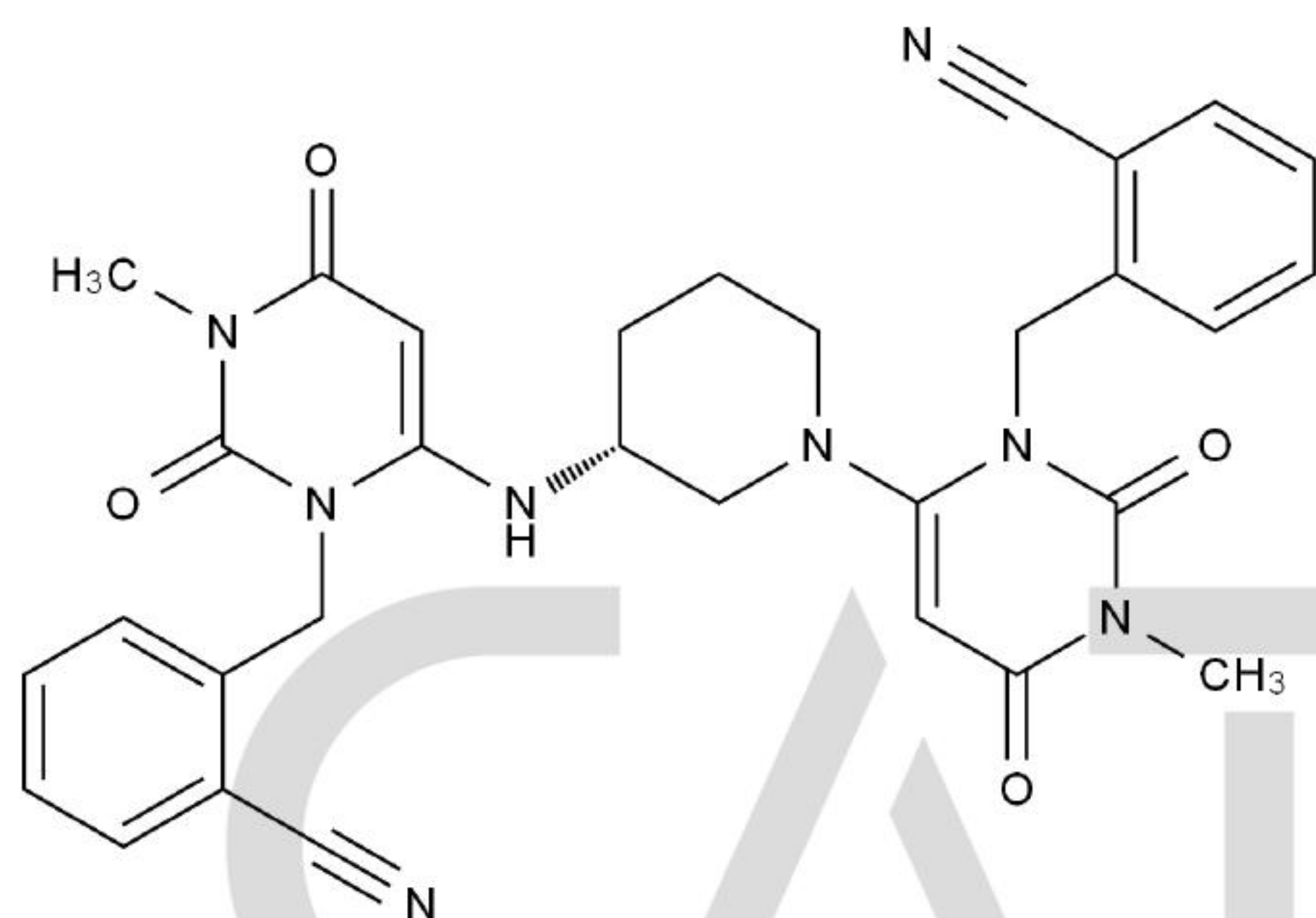


Certificate of Analysis

Reference Material & Standard

Product Name:	Alogliptin Impurity 7	Catalogue Number:	C4X-10997
Synonyms:	N/A	Lot Number:	0424-RG-0031
CAS Number:	1268836-55-0	Expiry Date:	Oct 20, 2027
Molecular Formula:	C ₃₁ H ₃₀ N ₈ O ₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	578.62		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.823%
Loss On Drying	TGA	0.2057%
Assay		99.6%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Loss On Drying) * Purity HPLC (%) / 100%

Loss On Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Lily

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Apr 24, 2025

Date: Apr 24, 2025

Date: Apr 24, 2025

