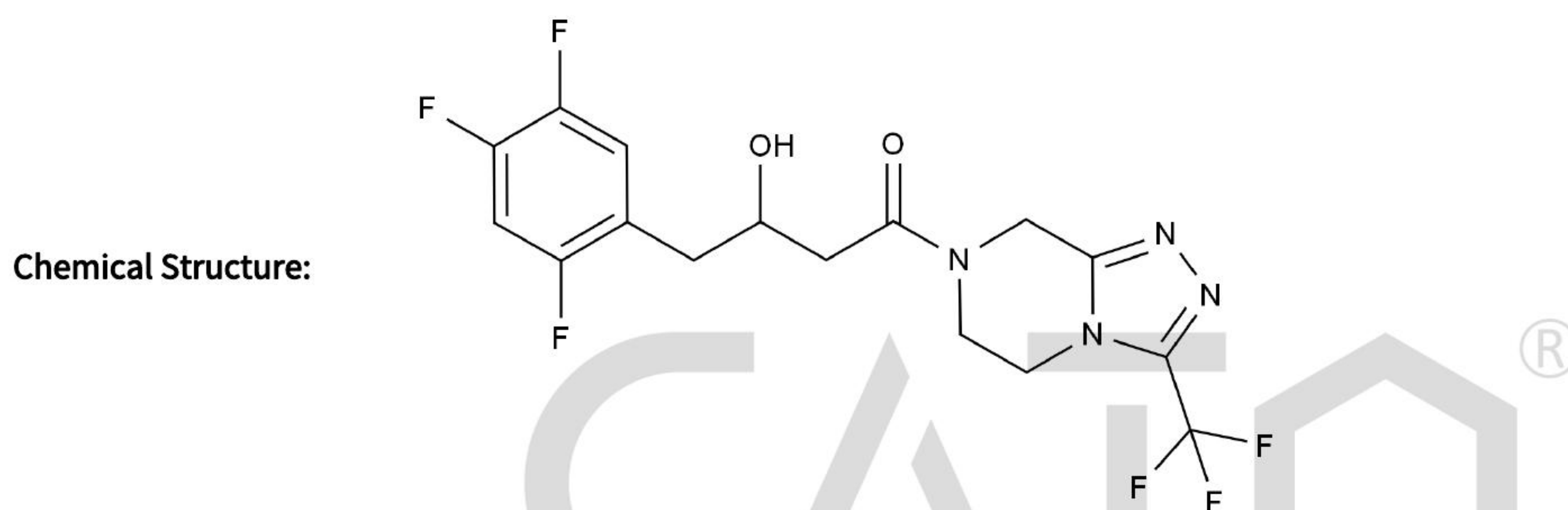


Certificate of Analysis

Reference Material & Standard

Product Name:	Sitagliptin Impurity 10	Catalogue Number:	C4X-114410
Synonyms:	N/A	Lot Number:	1021-RF-0078
CAS Number:	1253056-01-7	Expiry Date:	Oct 27, 2027
Molecular Formula:	C ₁₆ H ₁₄ F ₆ N ₄ O ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	408.30		



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	98.956%
Loss On Drying	TGA	0.8256%
Assay		98.1%

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:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Oct 28, 2024

Date: Oct 28, 2024

Date: Oct 28, 2024

