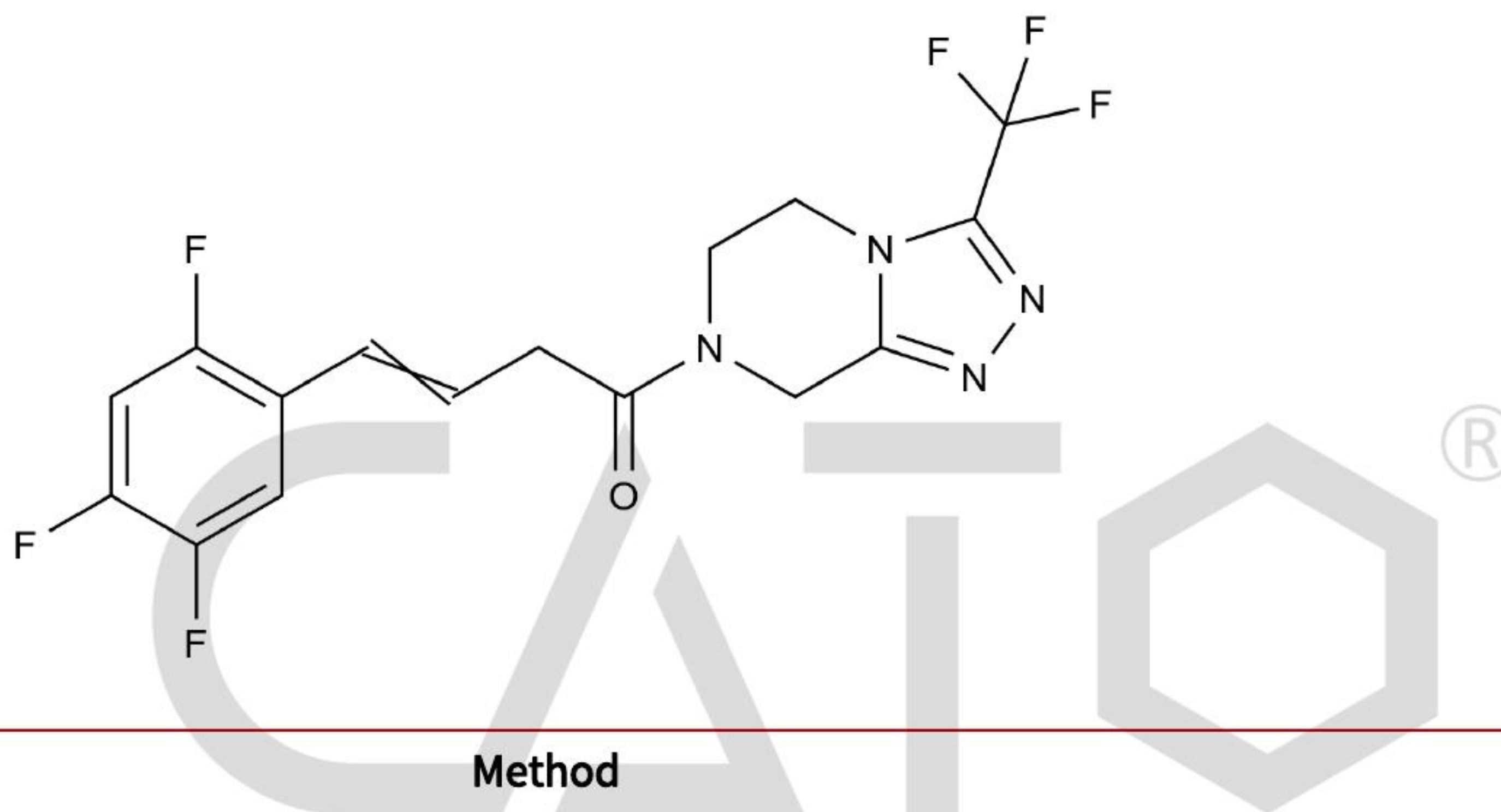


Certificate of Analysis

Reference Material & Standard

Product Name:	Sitagliptin Impurity 96	Catalogue Number:	C4X-114496
Synonyms:	N/A	Lot Number:	0307-RF-0083
CAS Number:	1675201-14-5	Expiry Date:	Mar 14, 2027
Molecular Formula:	C ₁₆ H ₁₂ F ₆ N ₄ O	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	390.28		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.912%
Loss On Drying	TGA	0.4450%
Assay		98.5%

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:

Nice

Reviewed by:

Koi

Aporoved by General Manager:

David

Date: Mar 15, 2024

Date: Mar 15, 2024

Date: Mar 15, 2024

