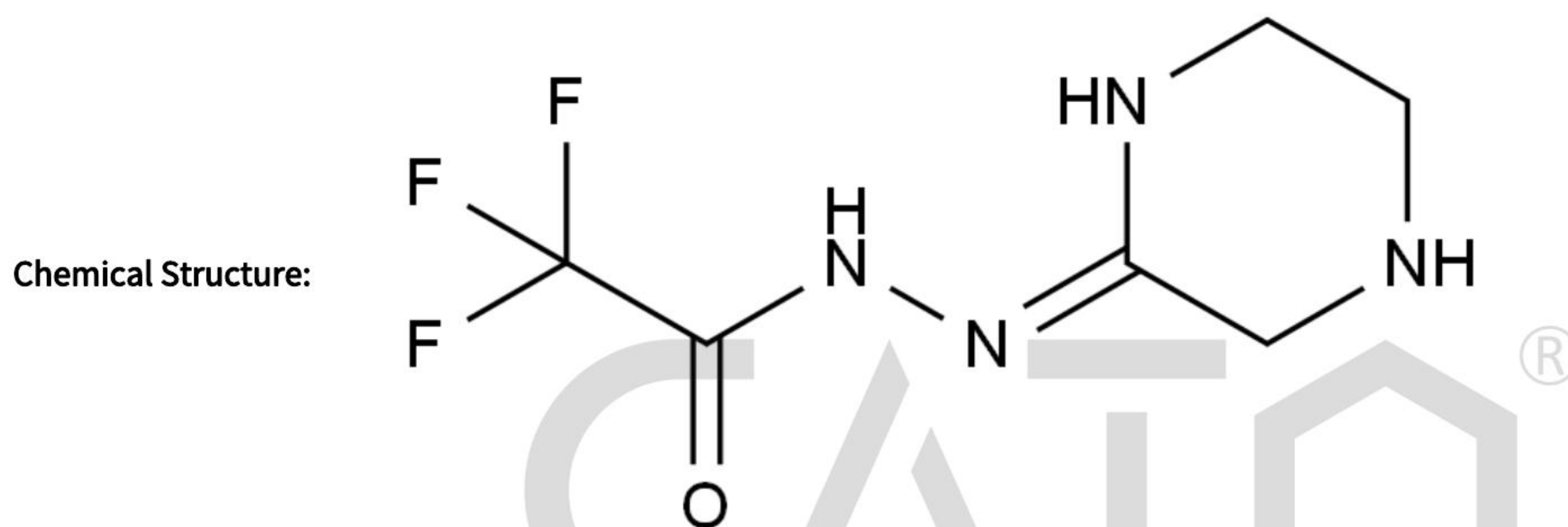


Certificate of Analysis

Reference Material & Standard

Product Name:	Sitagliptin Impurity 16	Catalogue Number:	C4X-114416
Synonyms:	N/A	Lot Number:	0120-RG-0117
CAS Number:	849832-73-1	Expiry Date:	Aug 20, 2029
Molecular Formula:	C ₆ H ₉ F ₃ N ₄ O	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	210.16		



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.000%
Loss On Drying	TGA	0.7348%
Assay		99.3%

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: Aug 21, 2025

Date: Aug 21, 2025

Date: Aug 21, 2025

