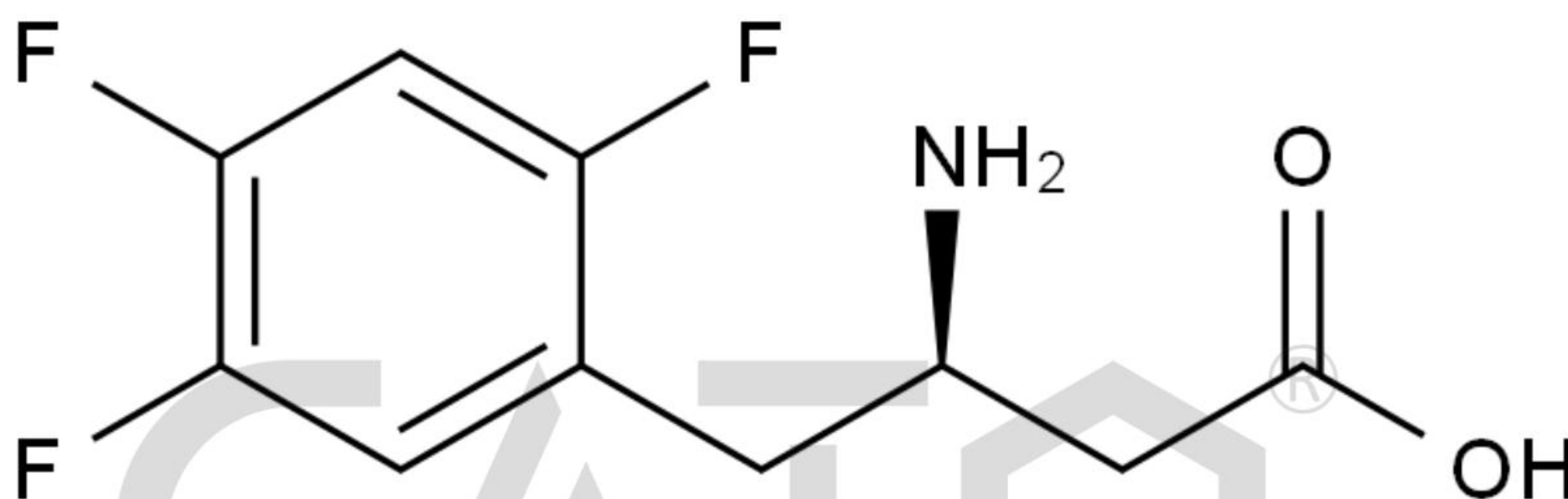


Certificate of Analysis

Reference Material & Standard

Product Name:	Sitagliptin Impurity 33	Catalogue Number:	C4X-114433
Synonyms:	N/A	Lot Number:	0727-RE-0015
CAS Number:	936630-57-8	Expiry Date:	Aug 18, 2029
Molecular Formula:	C ₁₀ H ₁₀ F ₃ NO ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	233.19		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&UV&CNMR&HNMR	Confirmed
Purity	HPLC	99.453%
Loss On Drying	TGA	0.1137%
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 19, 2025

Date: Aug 19, 2025

Date: Aug 19, 2025

