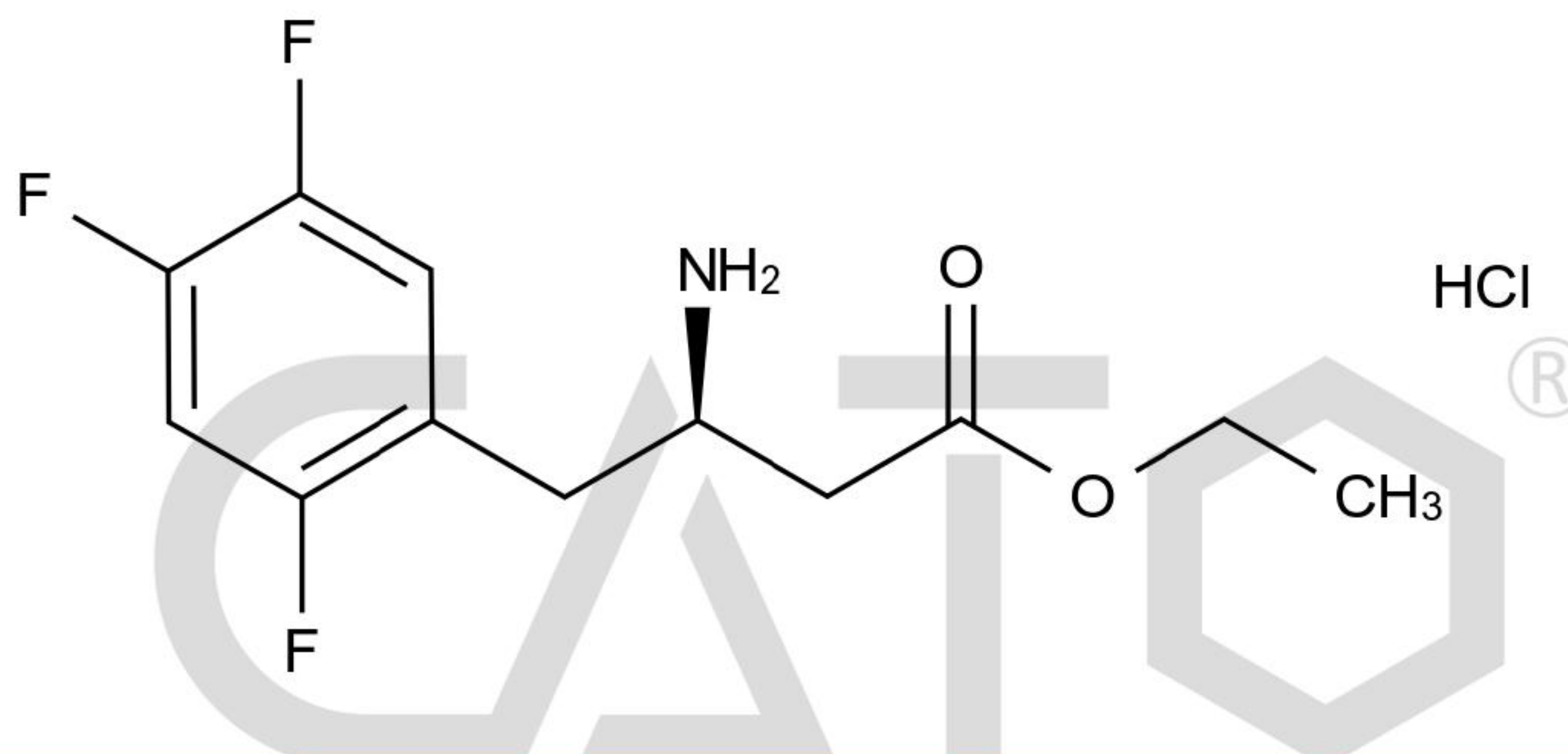


Certificate of Analysis

Reference Material & Standard

Product Name:	Sitagliptin Impurity 12 HCl	Catalogue Number:	C4X-114412
Synonyms:	N/A	Lot Number:	1123-RG-0038
CAS Number:	1151240-91-3(free base)	Expiry Date:	Nov 24, 2029
Molecular Formula:	C ₁₂ H ₁₄ F ₃ NO ₂ HCl	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	261.24 36.46	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.669%
Loss On Drying	TGA	0.1348%
Assay		98.5%

Comment:

The calculation of the mass balance 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

Approved by General Manager:

David

Date: Nov 25, 2025

Date: Nov 25, 2025

Date: Nov 25, 2025



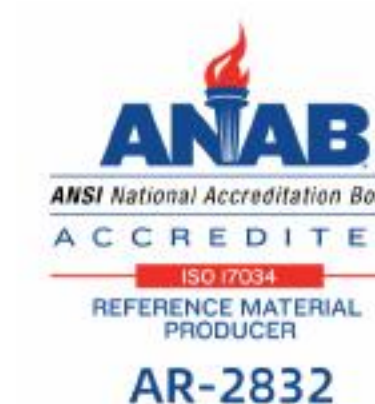
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