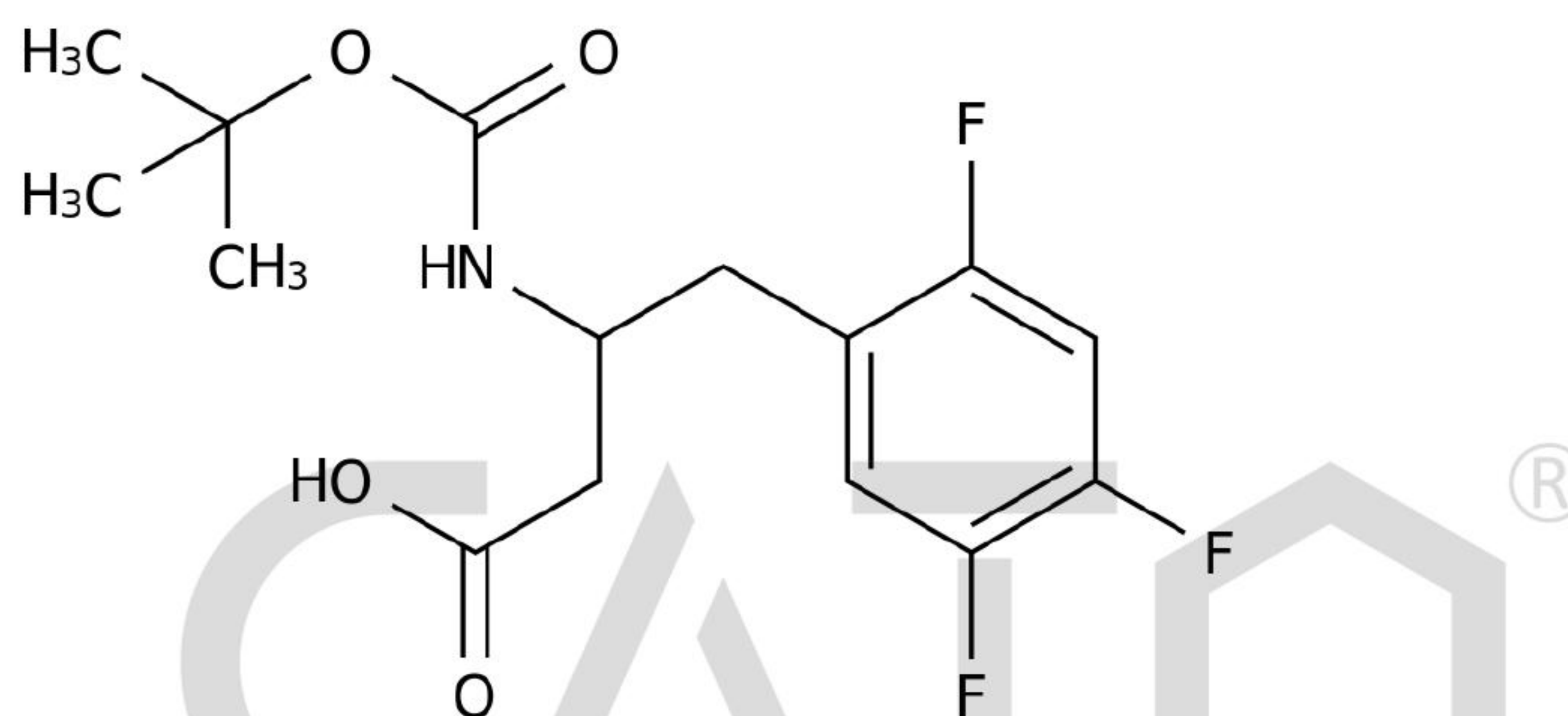


Certificate of Analysis

Reference Material & Standard

Product Name:	Sitagliptin Impurity 65	Catalogue Number:	C4X-114465
Synonyms:	N/A	Lot Number:	1104-RF-0087
CAS Number:	1620129-74-9	Expiry Date:	Nov 06, 2027
Molecular Formula:	C ₁₅ H ₁₈ F ₃ NO ₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	333.30		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	96.216%
Loss On Drying	TGA	0.0428%
Assay		96.2%

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

Approved by General Manager:

David

Date: Nov 07, 2024

Date: Nov 07, 2024

Date: Nov 07, 2024

