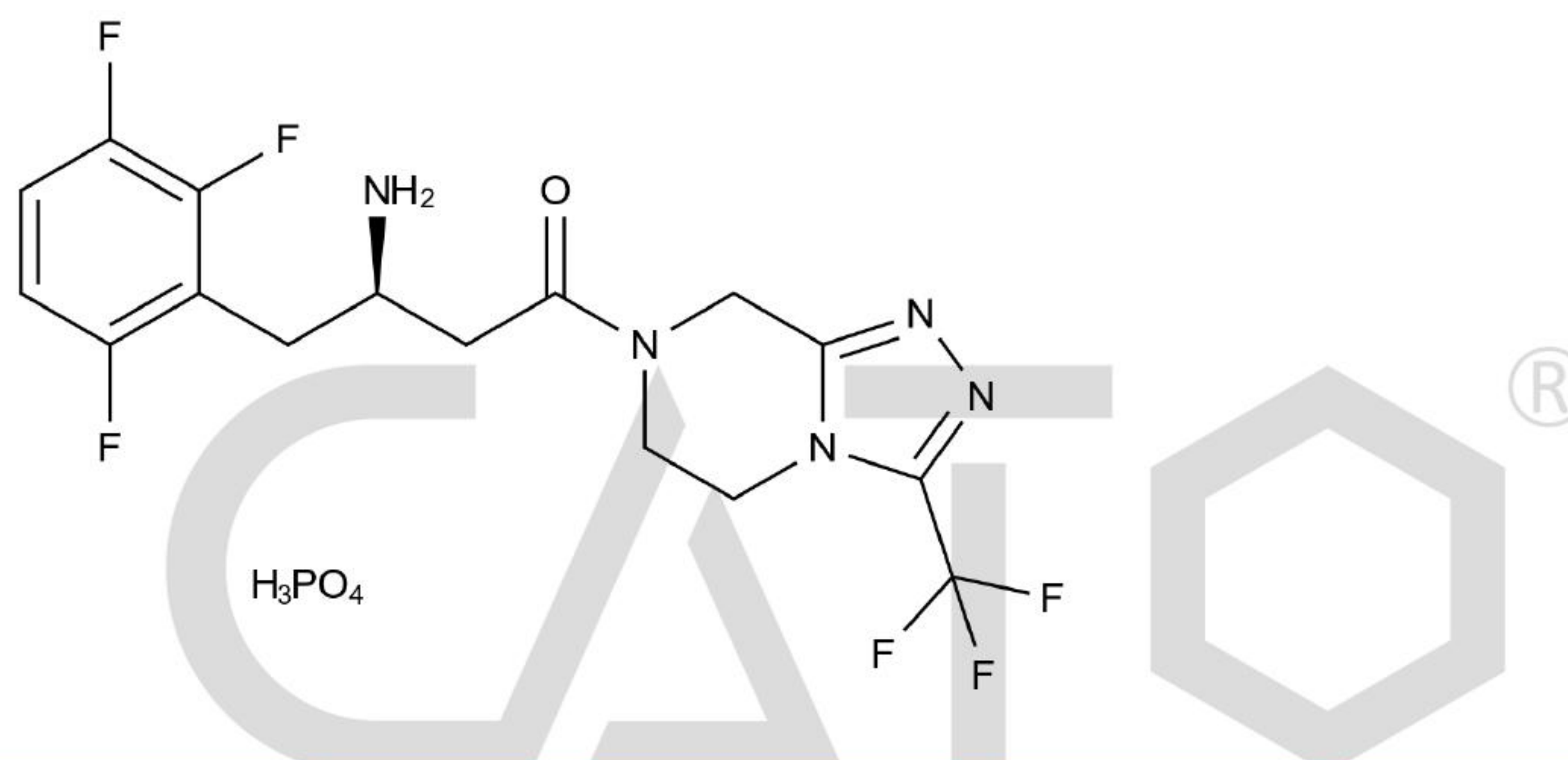


Certificate of Analysis

Reference Material & Standard

Product Name:	Sitagliptin Impurity 100	Catalogue Number:	C4X-1144100
Synonyms:	N/A	Lot Number:	0331-RG-0039
CAS Number:	N/A	Expiry Date:	Apr 06, 2028
Molecular Formula:	C ₁₆ H ₁₅ F ₆ N ₅ O H ₃ O ₄ P	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	407.31 98.00	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&CNMR&FNMR&HNMR	Confirmed
Purity	HPLC	99.451%
Loss on Drying	TGA	0.0659%
Assay		99.4%

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:

Lisa

Approved by General Manager:

David

Date: Apr 07, 2025

Date: Apr 07, 2025

Date: Apr 07, 2025



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