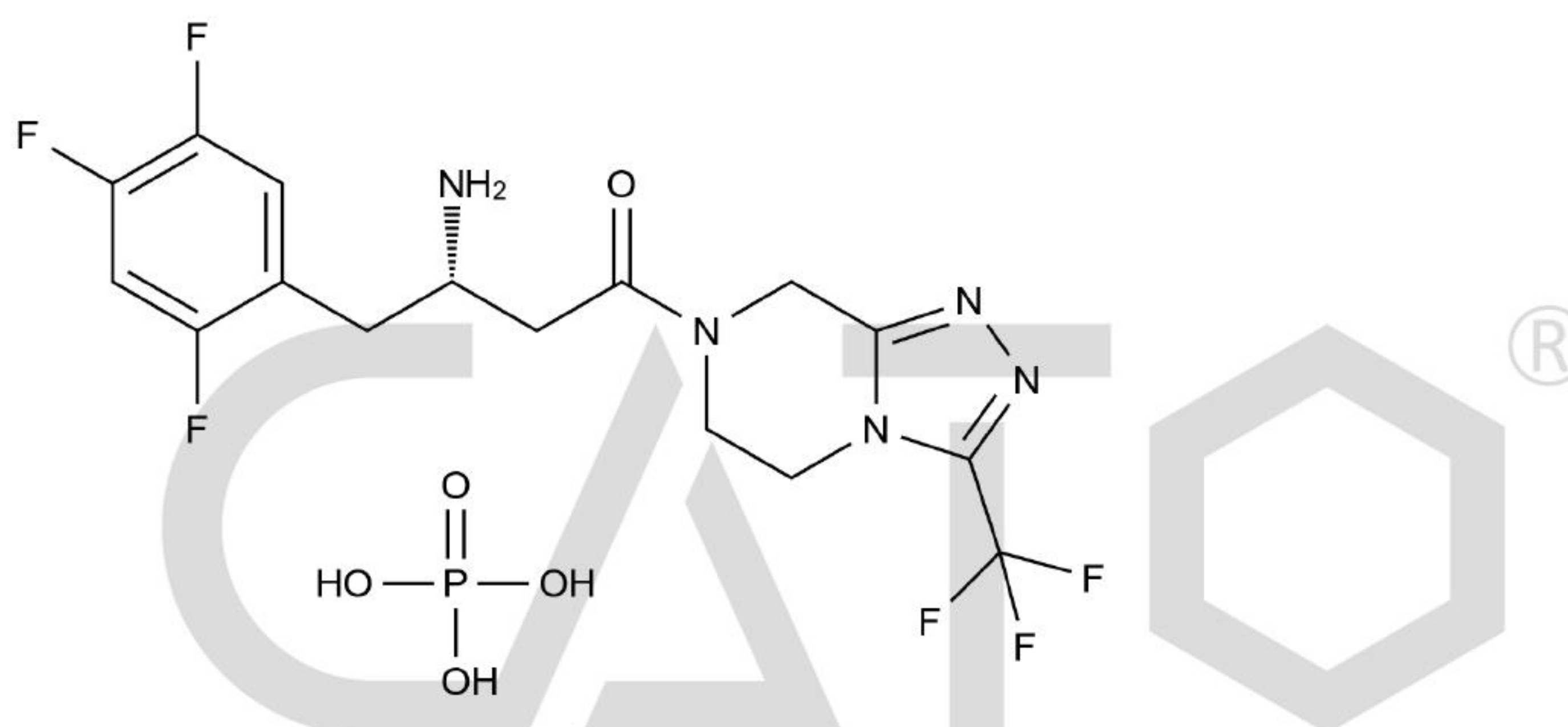


Certificate of Analysis

Reference Material & Standard

Product Name:	Sitagliptin EP Impurity A Phosphate (Sitagliptin ((S)-Isomer) Phosphate)	Catalogue Number:	C4X-1144162
Synonyms:	N/A	Lot Number:	1102-RG-0051
CAS Number:	823817-58-9	Expiry Date:	Jun 03, 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		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.942%
Loss On Drying	TGA	0.67%
Assay		99.3%

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:

Lily

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Nov 03, 2025

Date: Nov 03, 2025

Date: Nov 03, 2025



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