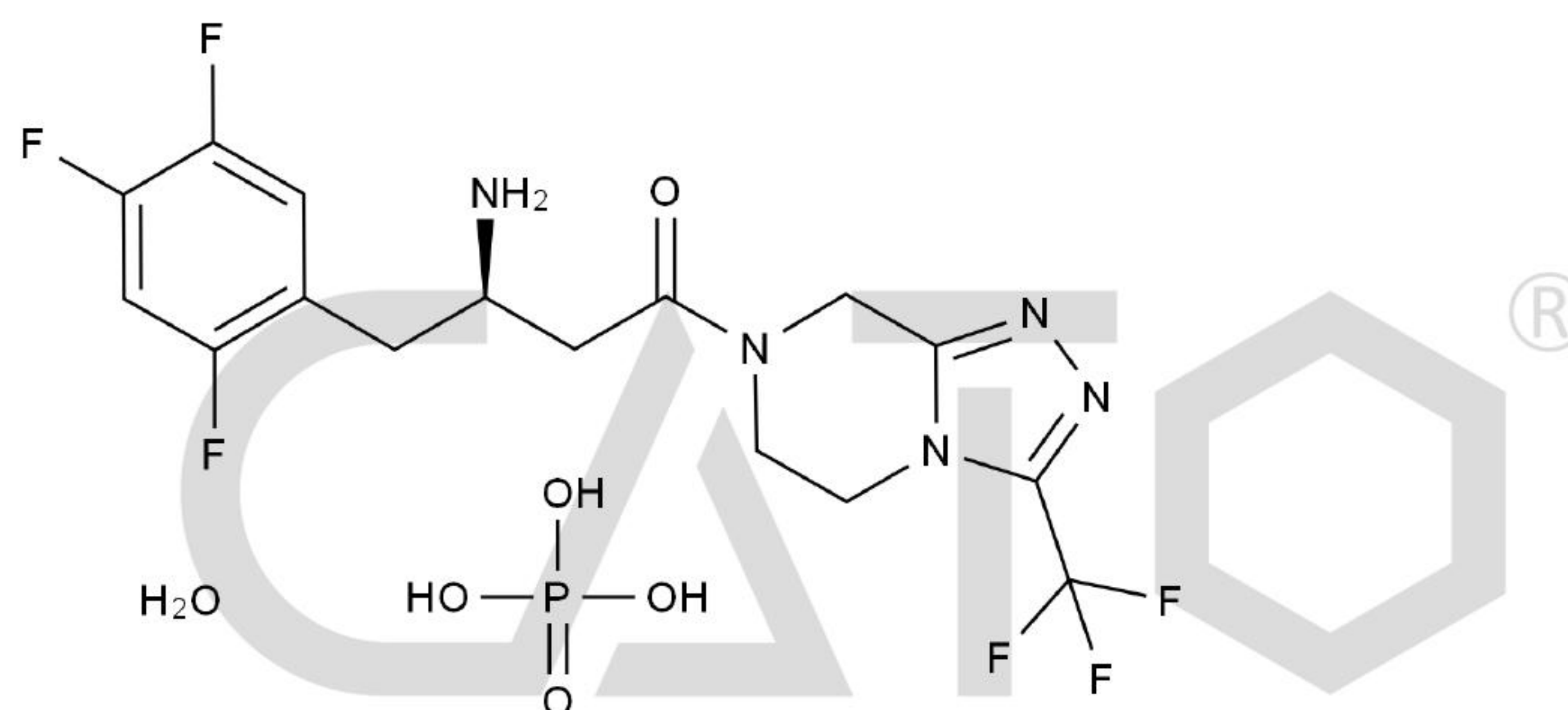


Certificate of Analysis

Reference Material & Standard

Product Name:	Sitagliptin Monophosphate Monohydrate	Catalogue Number:	C4X-114446
Synonyms:	N/A	Lot Number:	0820-RH-0064
CAS Number:	654671-77-9	Expiry Date:	Aug 25, 2030
Molecular Formula:	C ₁₆ H ₁₅ F ₆ N ₅ O H ₃ O ₄ P H ₂ O	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	407.31 98.00 18.02	Shipping Condition:	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.000%
Water Content	Karl Fischer	3.5586%
Water Content(Free Water)		0.1153%
Assay		99.9%

Comment:

- The content of crystal water is 3.4433%.
- The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

$$\text{Assay (\%)} = (100\% - \text{Water Content(Free Water)}) \times \text{Purity HPLC (\%)} / 100\%$$
 Water Content(Free Water) 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: Aug 26, 2026

Date: Aug 26, 2026

Date: Aug 26, 2026



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