

Certificate of Analysis

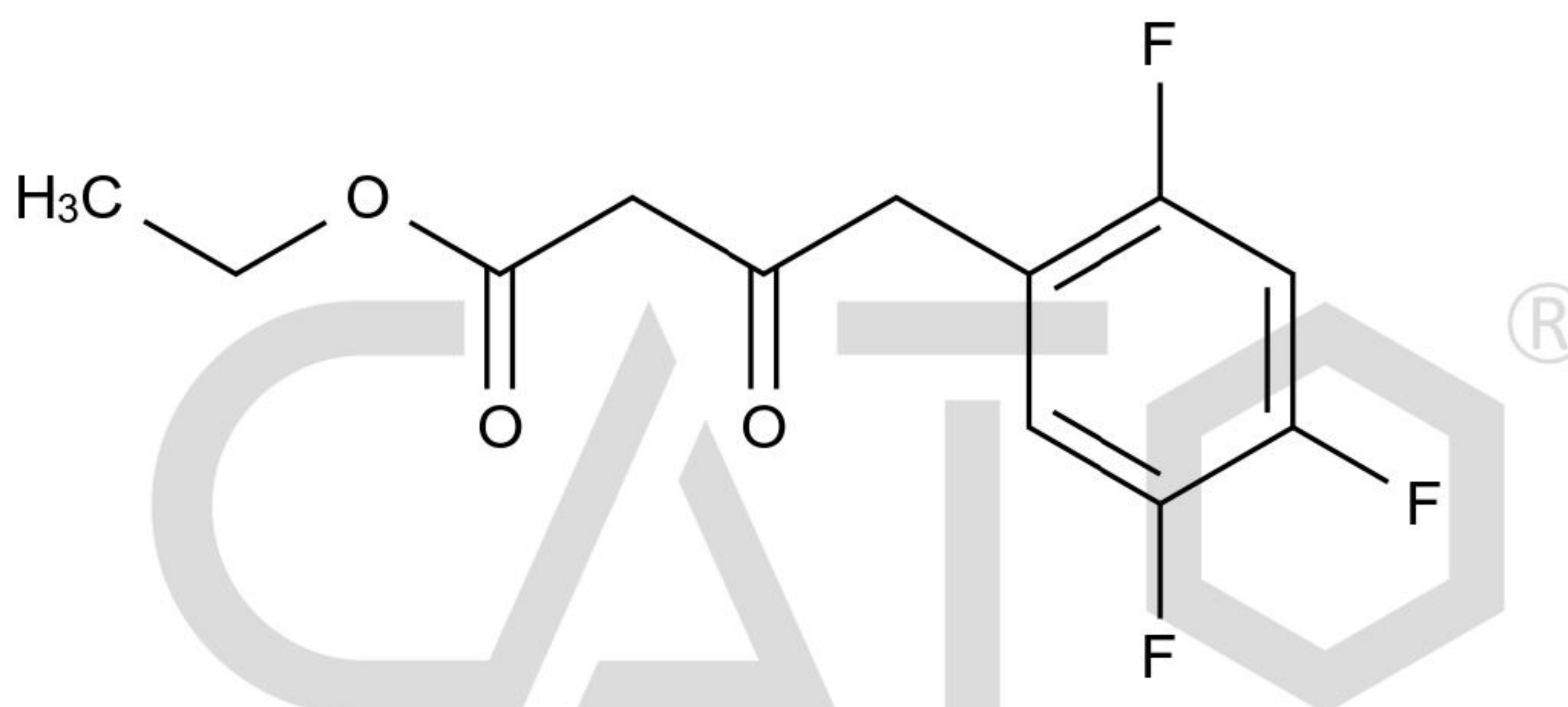
Reference Material & Standard

Product Name:	Sitagliptin Impurity 966	Catalogue Number:	C1074936
Synonyms:	N/A	Lot Number:	1127-RG-0070
CAS Number:	1151240-88-8	Expiry Date:	Nov 24, 2029
Molecular Formula:	C ₁₂ H ₁₁ F ₃ O ₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	260.21	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	97.142%
Loss On Drying	TGA	0.61%
Assay		96.5%

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:

Reviewed by:

Approved by General Manager:

Date: Nov 28, 2025

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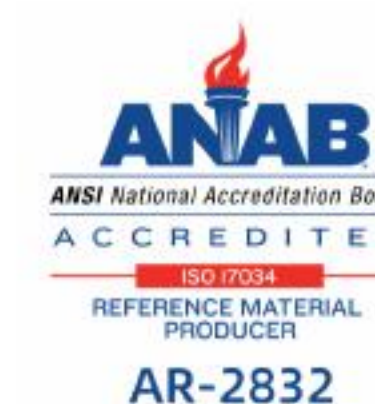
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