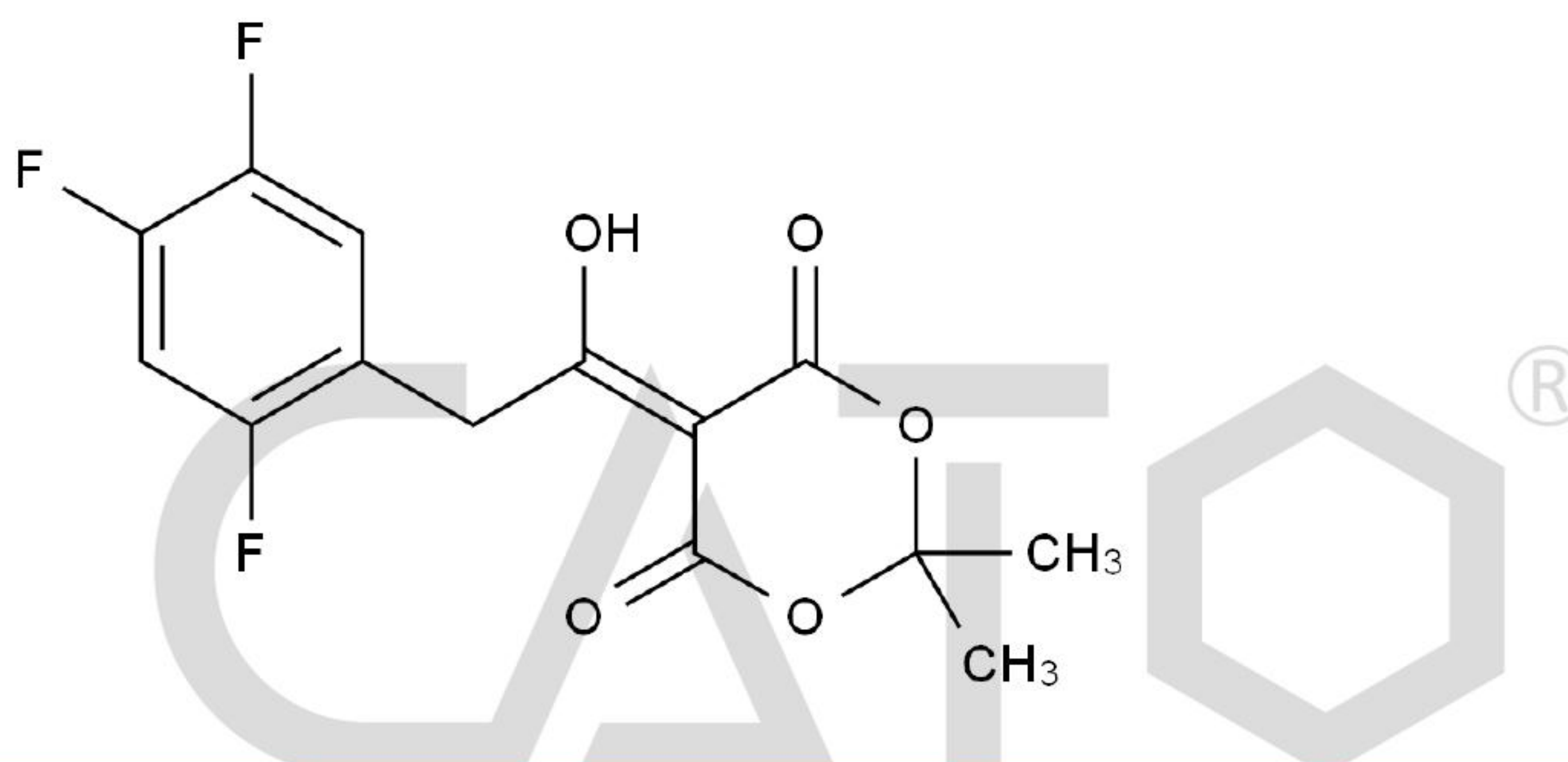


Certificate of Analysis

Reference Material & Standard

Product Name:	Sitagliptin Impurity 52	Catalogue Number:	C4X-114452
Synonyms:	N/A	Lot Number:	0119-RH-0068
CAS Number:	764667-64-3	Expiry Date:	Jan 21, 2030
Molecular Formula:	C ₁₄ H ₁₁ F ₃ O ₅	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	316.23	Shipping Condition:	Shipping at Room Temperature
Solubility:	Acetonitrile		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&UV&CNMR&FNMR&HNMR	Confirmed
Purity	HPLC	89.617%
Loss On Drying	TGA	0.2662%
Assay		89.4%

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:

Koi

Approved by General Manager:

David

Date: Feb 03, 2026

Date: Feb 04, 2026

Date: Feb 04, 2026



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