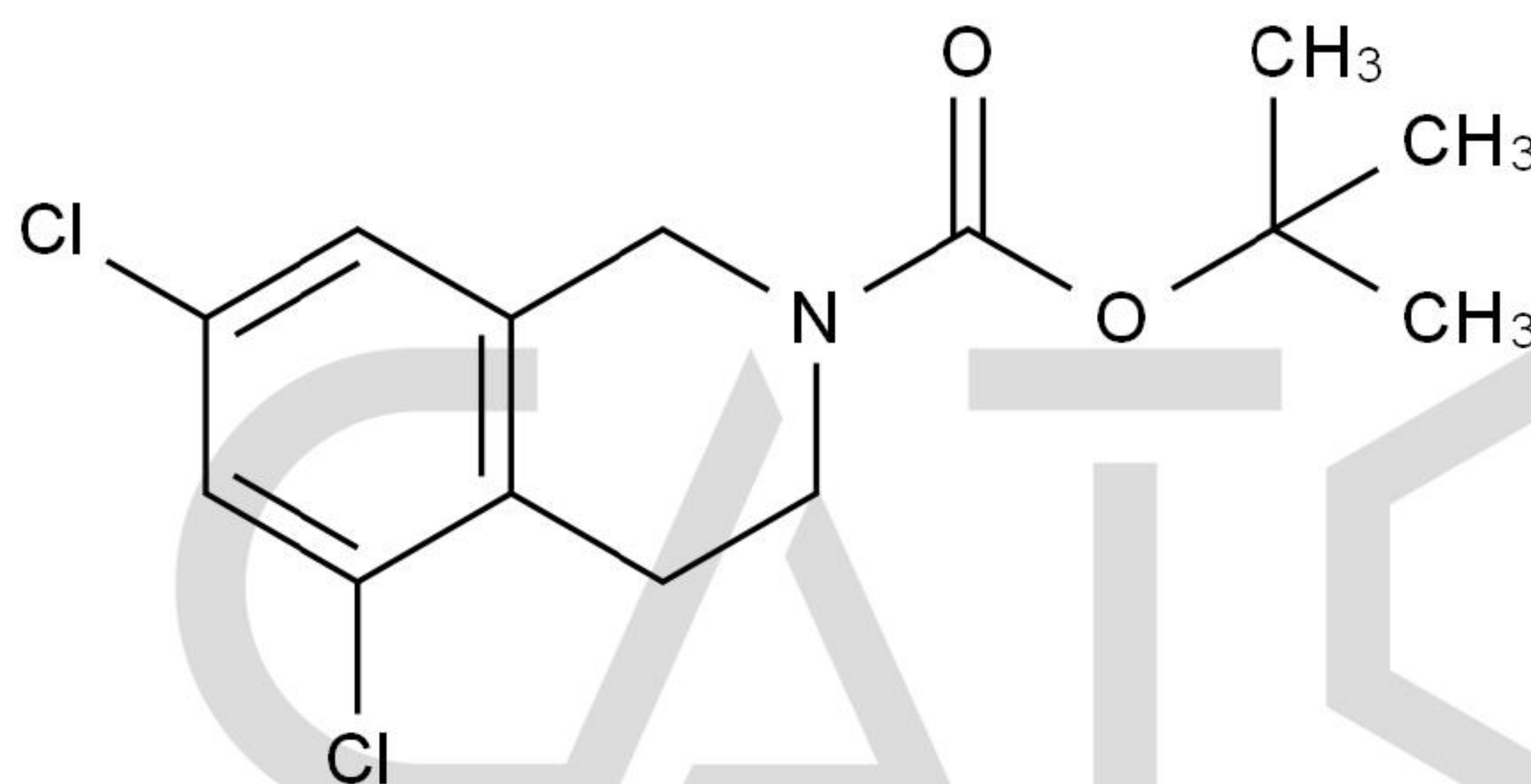


Certificate of Analysis

Reference Material & Standard

Product Name:	Lifitegrast Impurity 53	Catalogue Number:	C4X-240953
Synonyms:	N/A	Lot Number:	0816-RH-0083
CAS Number:	2215846-47-0	Expiry Date:	Aug 18, 2030
Molecular Formula:	C ₁₄ H ₁₇ Cl ₂ NO ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	302.20	Shipping Condition:	Shipping at Room Temperature
Solubility:	Acetonitrile	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	GCMS&HNMR	Confirmed
Purity	HPLC	99.808%
Loss on Drying	TGA	0.0194%
Assay		99.8%

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: Aug 19, 2026

Date: Aug 19, 2026

Date: Aug 19, 2026



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