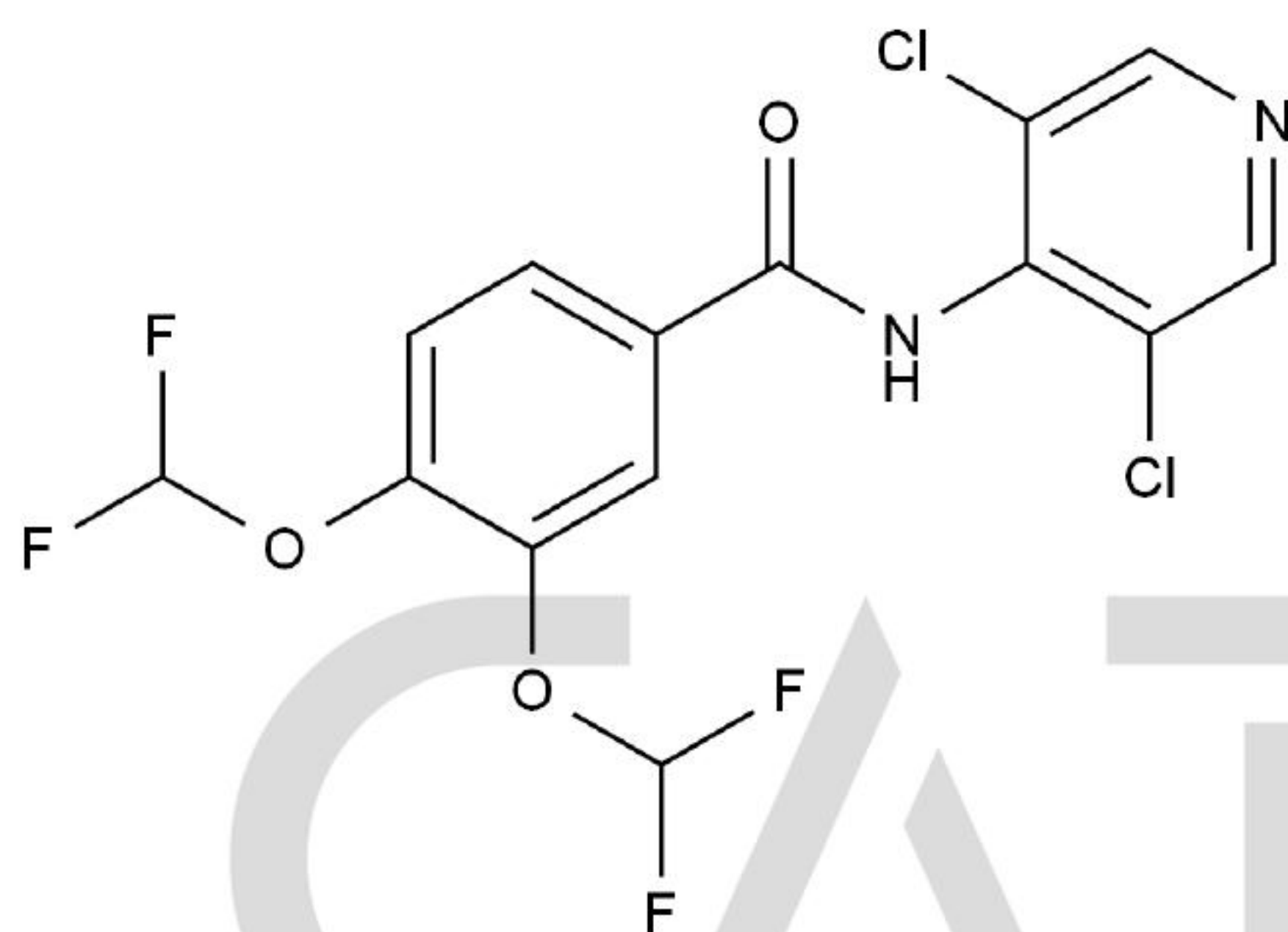


Certificate of Analysis

Reference Material & Standard

Product Name:	Roflumilast Impurity 4	Catalogue Number:	C4X-10844
Synonyms:	N/A	Lot Number:	0728-RG-0052
CAS Number:	162401-30-1	Expiry Date:	Jul 30, 2029
Molecular Formula:	C ₁₄ H ₈ Cl ₂ F ₄ N ₂ O ₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	399.12		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&UV&HNMR	Confirmed
Purity	HPLC	99.9%
Assay	qNMR	98.0%

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Jul 31, 2025

Date: Jul 31, 2025

Date: Jul 31, 2025

