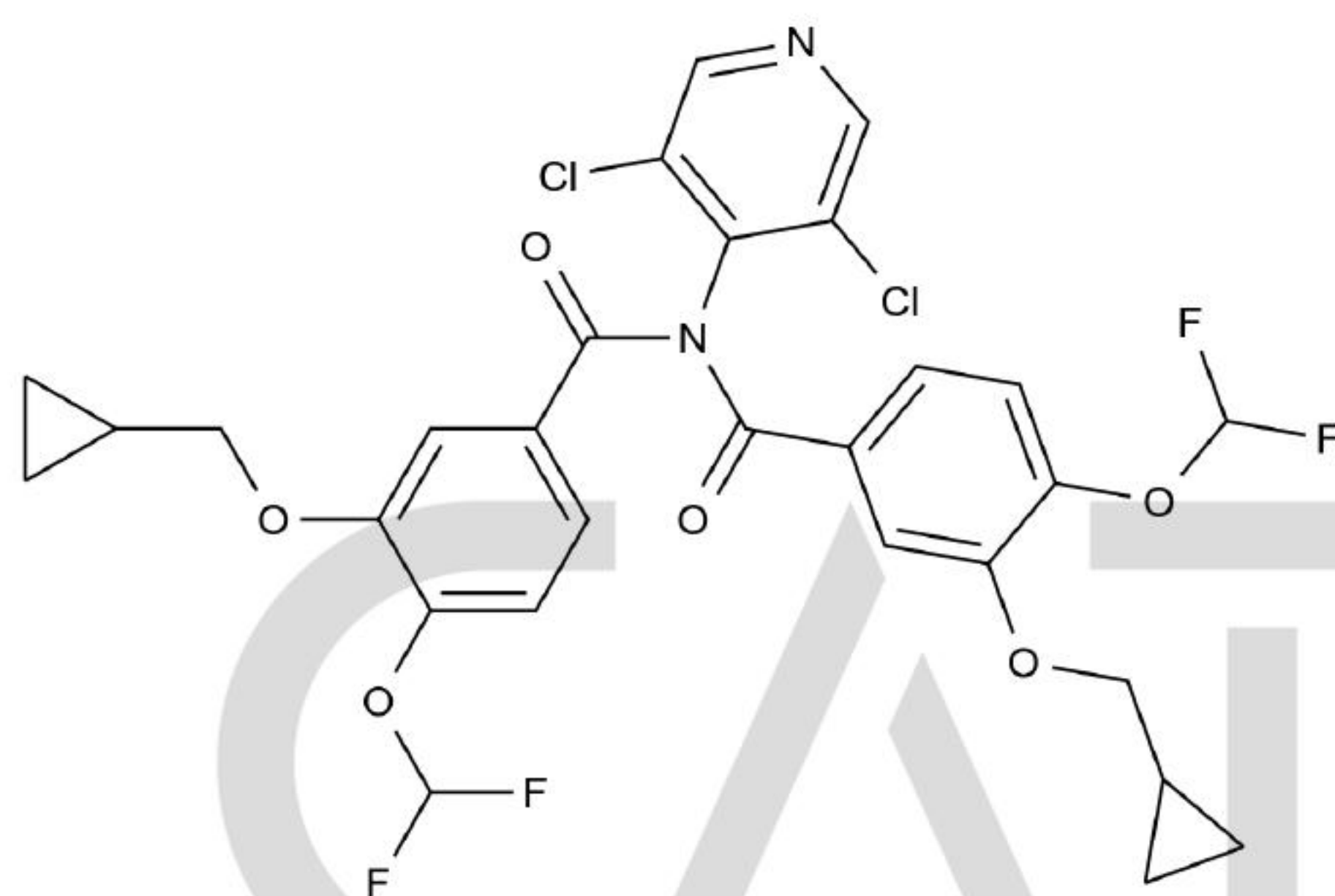


Certificate of Analysis

Reference Material & Standard

Product Name:	Roflumilast Dimer	Catalogue Number:	C1238917
Synonyms:	N/A	Lot Number:	0728-RG-0056
CAS Number:	1352122-37-2	Expiry Date:	Jul 29, 2029
Molecular Formula:	C ₂₉ H ₂₄ Cl ₂ F ₄ N ₂ O ₆	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	643.41	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&IR&UV&HNMR	Confirmed
Purity	HPLC	99.113%
Loss On Drying	TGA	0.0756%
Assay		99.0%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

$\text{Assay (\%)} = (100\% - \text{Loss On Drying}) * \text{Purity HPLC (\%)} / 100\%$

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: Jul 30, 2025

Date: Jul 30, 2025

Date: Jul 30, 2025

