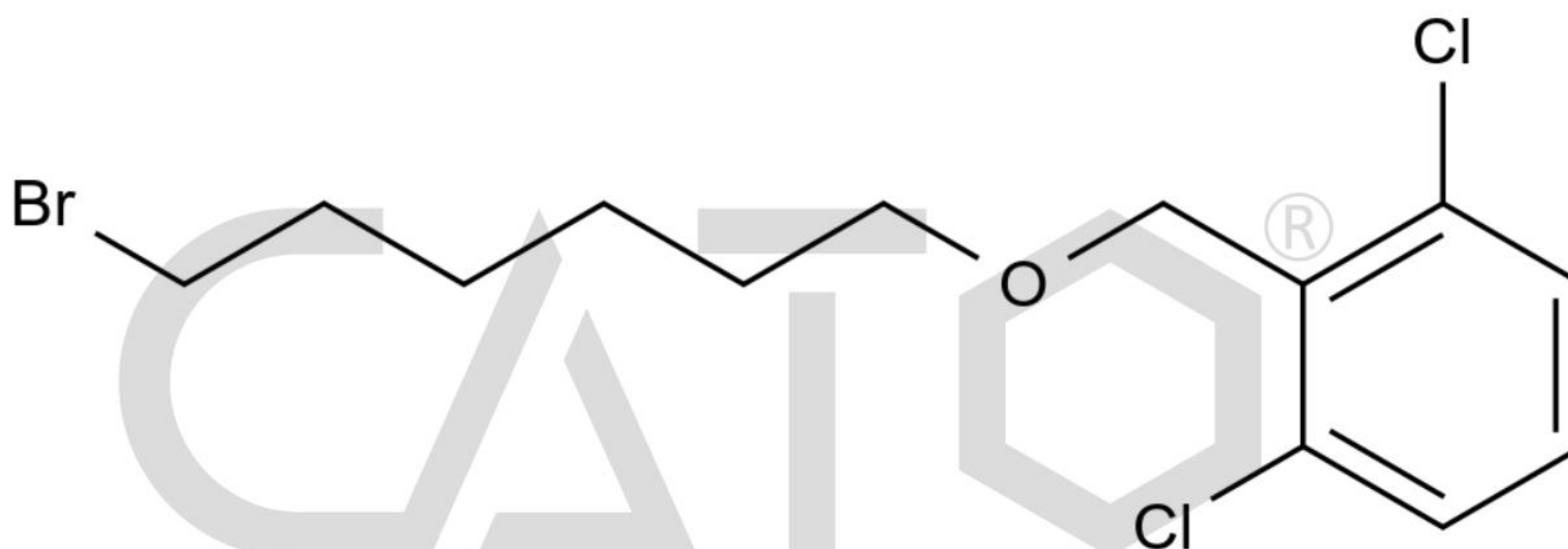


Certificate of Analysis

Reference Material & Standard

Product Name:	Roflumilast Impurity 60	Catalogue Number:	C4X-193560
Synonyms:	N/A	Lot Number:	0428-RH-0013
CAS Number:	N/A	Expiry Date:	May 10, 2030
Molecular Formula:	C ₁₃ H ₁₇ BrCl ₂ O	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	340.08	Shipping Condition:	Shipping with Ice Packs
Solubility:	Acetonitrile	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colorless Liquid
Identification	GCMS&HNMR	Confirmed
Purity	HPLC	99.4%
Assay	qNMR	96.2%

Signature:

Prepared by:



Reviewed by:



Approved by General Manager:



Date: May 13, 2026

Date: May 14, 2026

Date: May 14, 2026



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