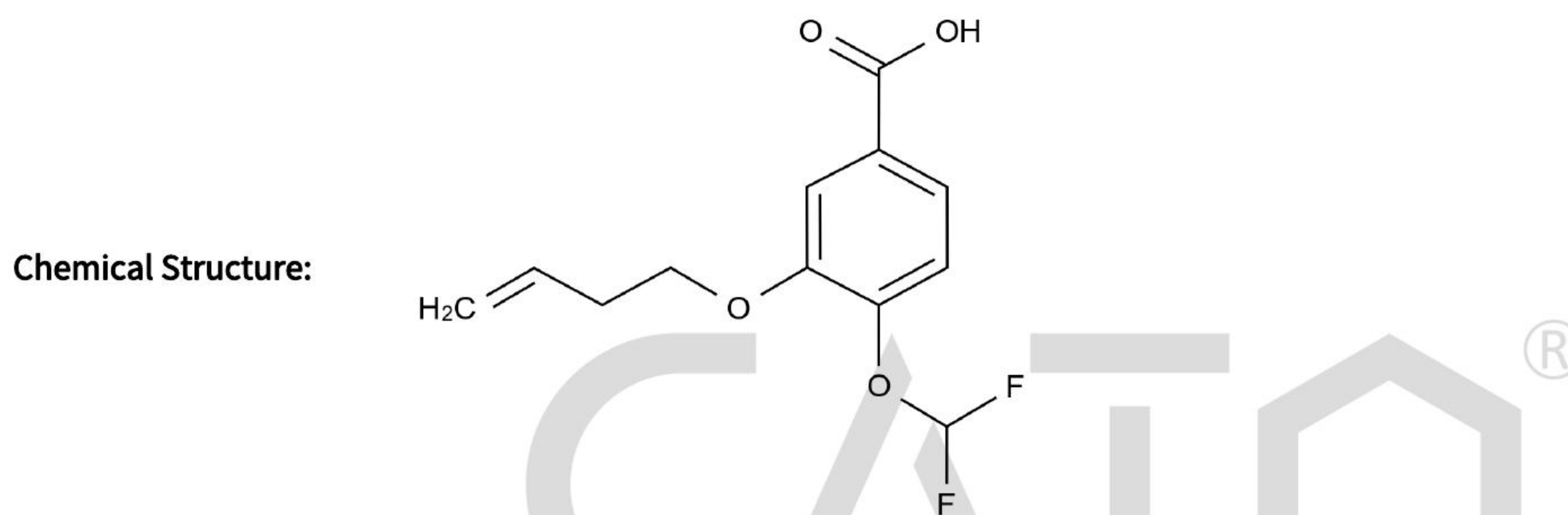


Certificate of Analysis

Reference Material & Standard

Product Name:	Roflumilast Impurity 34	Catalogue Number:	C4X-108434
Synonyms:	N/A	Lot Number:	0728-RG-0062
CAS Number:	1882067-44-8	Expiry Date:	Jul 29, 2029
Molecular Formula:	C ₁₂ H ₁₂ F ₂ O ₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	258.22		



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&UV&HNMR	Confirmed
Purity	HPLC	96.377%
Loss On Drying	TGA	0.1775%
Assay		96.2%

Comment:

The calculation of the 100% 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: Jul 30, 2025

Date: Jul 30, 2025

Date: Jul 30, 2025

