

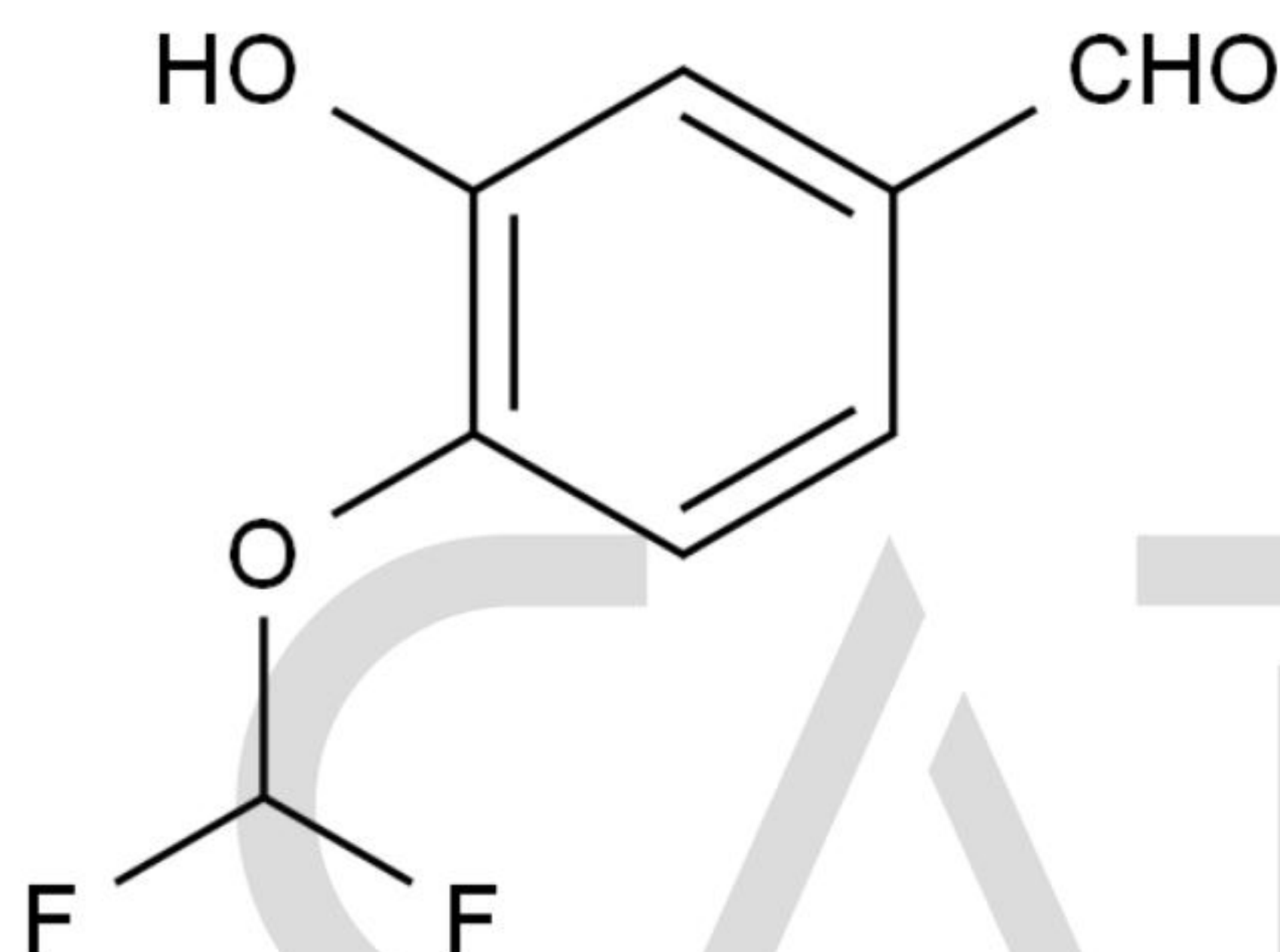
Certificate of Analysis

Reference Material & Standard

Product Name:	Roflumilast impurity 19	Catalogue Number:	C4X-108419
Synonyms:	N/A	Lot Number:	0414-RG-0047
CAS Number:	151103-08-1	Expiry Date:	Apr 17, 2028
Molecular Formula:	C ₈ H ₆ F ₂ O ₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	188.13	Warning:	



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&UV&HNMR	Confirmed
Purity	HPLC	100.0%
Assay	qNMR	99.1%

Comment:

Assay was determined by quantitative ¹H-NMR.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Apr 18, 2025

Date: Apr 18, 2025

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