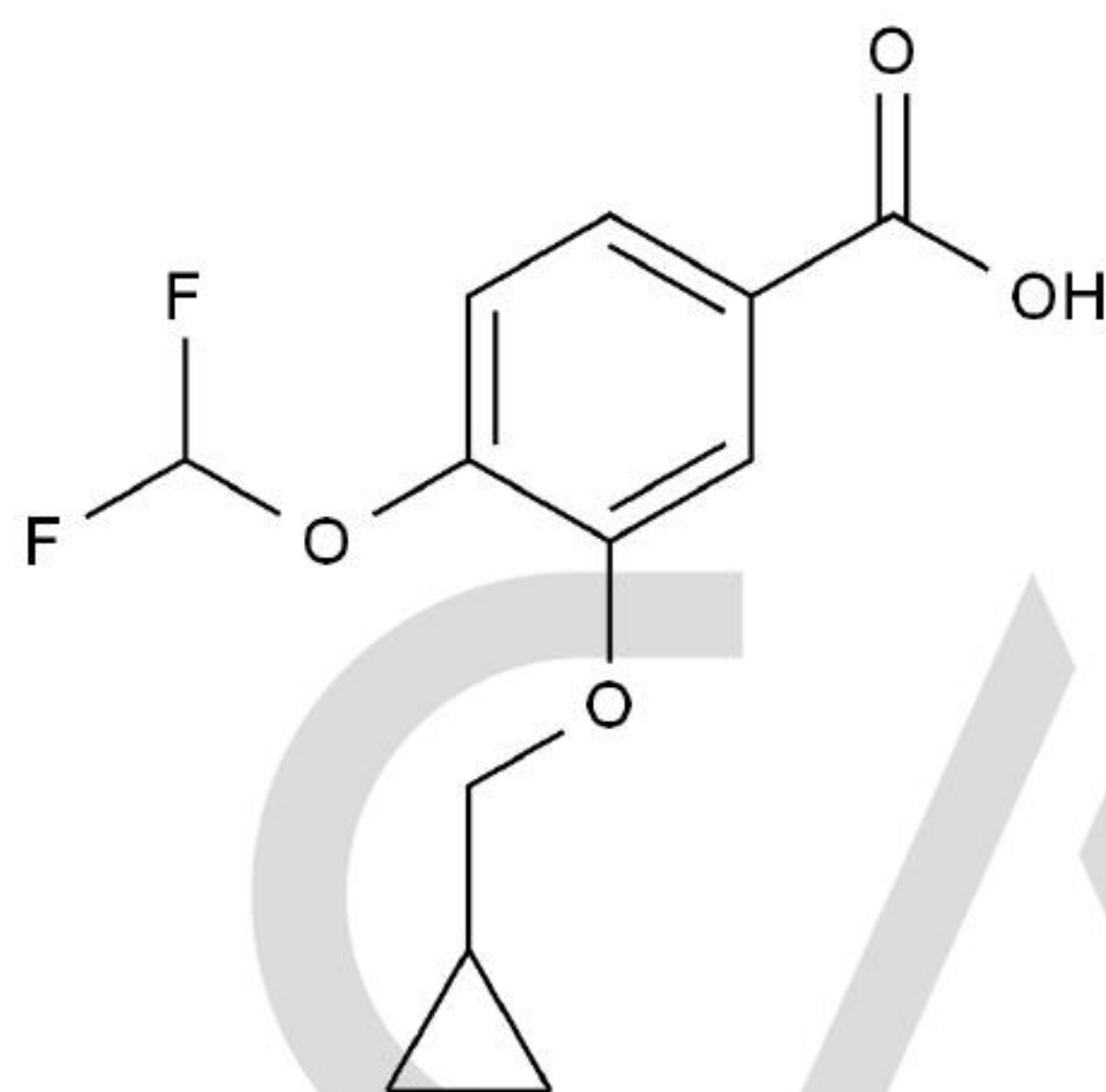


Certificate of Analysis

Reference Material & Standard

Product Name:	Roflumilast USP Related Compound D	Catalogue Number:	C4X-10849
Synonyms:	N/A	Lot Number:	0515-RH-0105
CAS Number:	162401-62-9	Expiry Date:	May 19, 2030
Molecular Formula:	C ₁₂ H ₁₂ F ₂ O ₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	258.22	Shipping Condition:	Shipping at Room Temperature
Solubility:	Acetonitrile		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&UV&HNMR	Confirmed
Purity	HPLC	100.0%
Assay	qNMR	97.1%

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: May 20, 2026

Date: May 20, 2026

Date: May 20, 2026



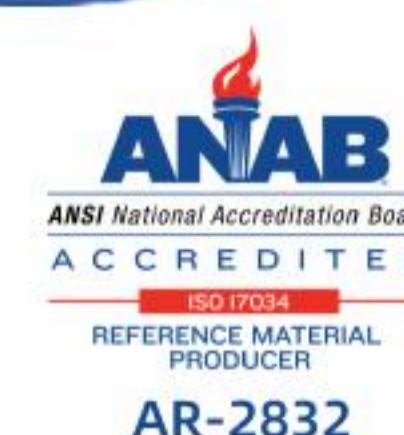
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