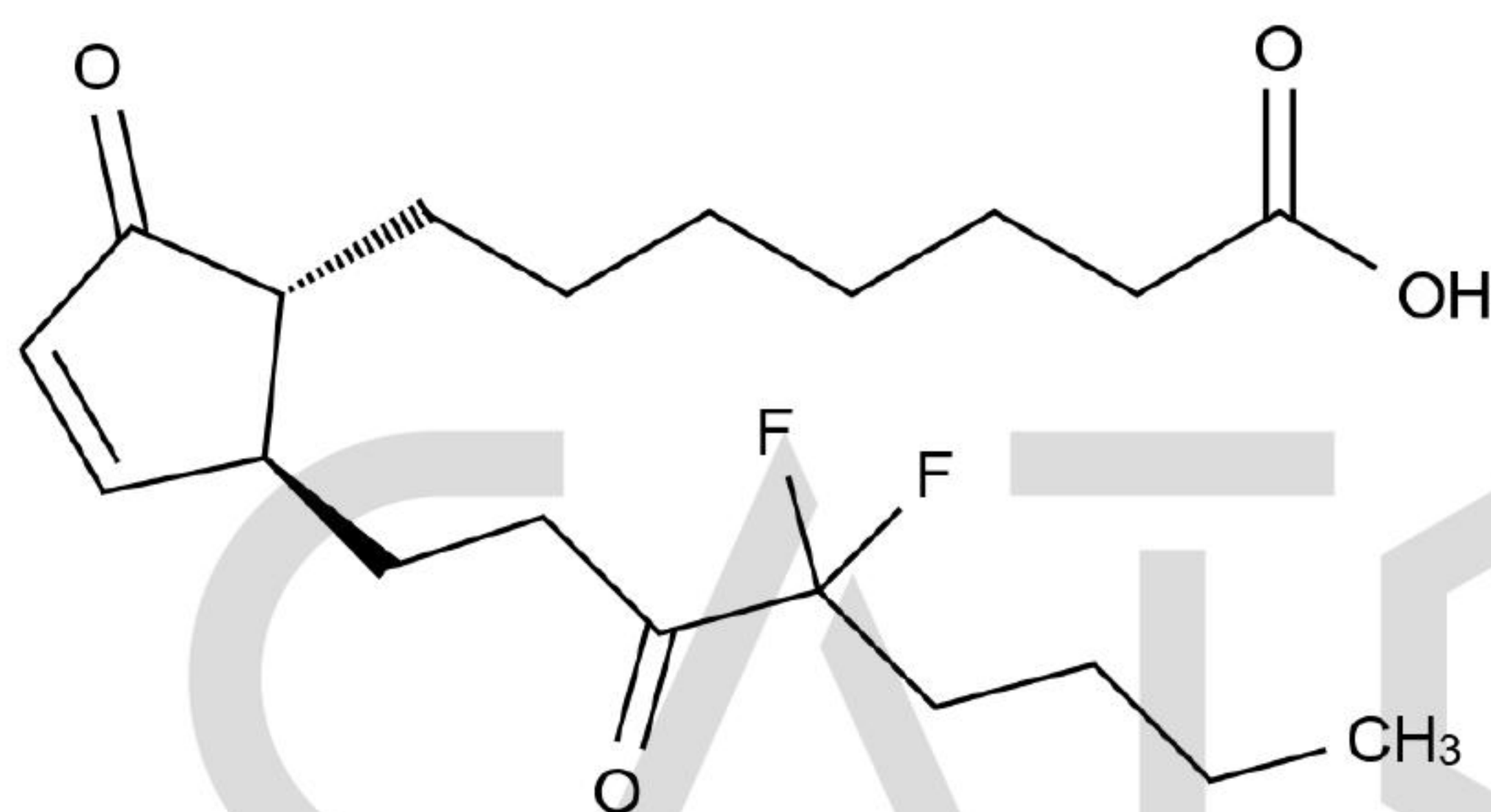


Certificate of Analysis

Reference Material & Standard

Product Name:	Lubiprostone impurity 4	Catalogue Number:	C4X-11364
Synonyms:	N/A	Lot Number:	0913-RH-0080
CAS Number:	2196182-47-3	Expiry Date:	Nov 17, 2028
Molecular Formula:	C ₂₀ H ₃₀ F ₂ O ₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	372.45	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Liquid
Identification	LCMS&IR&HNMR	Confirmed
Purity	HPLC	99.9%
Specific Rotation		[α] _D 20.0(C=0.44, CHCl ₃): +68.0°
Assay	qNMR	93.1%

Signature:

Prepared by:

Reviewed by:

Approved by General Manager:

Date: Sep 16, 2026

Date: Sep 16, 2026

Date: Sep 16, 2026



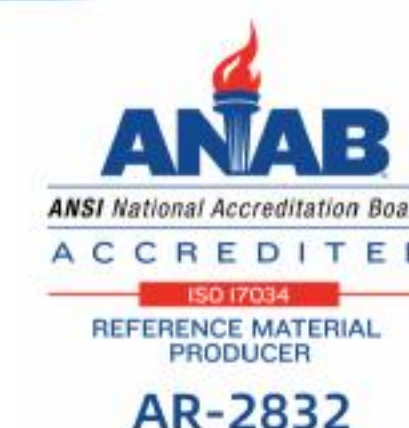
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Page 1 of 6



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