

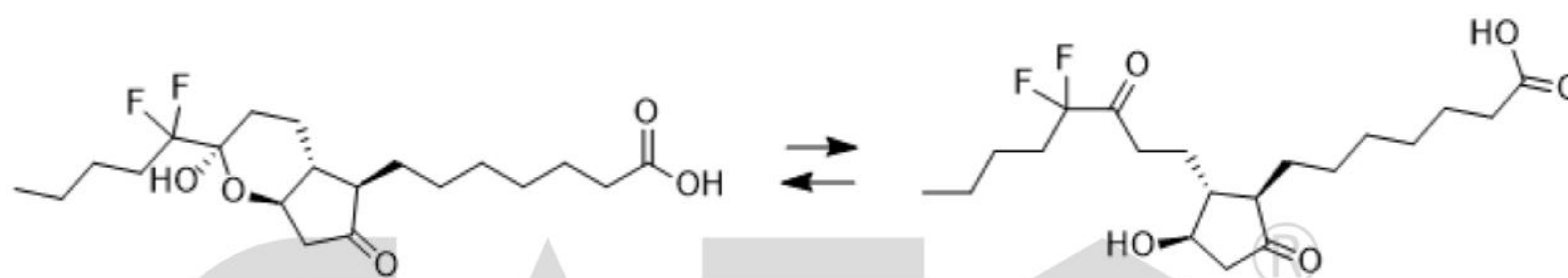
Certificate of Analysis

Reference Material & Standard

Product Name:	Lubiprostone	Catalogue Number:	C4X-1136
Synonyms:	N/A	Lot Number:	0116-RG-0024
CAS Number:	136790-76-6/333963-40-9	Expiry Date:	Feb 11, 2028
Molecular Formula:	C ₂₀ H ₃₂ F ₂ O ₅	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	390.46	Warning:	



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	ELSD	99.047%
Residue on Ignition	TGA	0.1921%
Loss On Drying	TGA	0.0512%
Assay		98.8%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Residue on Ignition - Loss On Drying) * Purity ELSD (%) / 100%

Residue on Ignition and Loss On Drying are considered as absolute effect, ELSD purity is considered as relative effect.

Signature:

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Approved by General Manager:

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Date: May 26, 2025

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