



Certificate of analysis

Product name: Lubiprostone

Cas number: 136790-76-6

Molecular Formula: $C_{20}H_{32}F_2O_5$

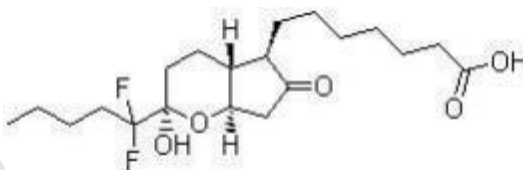
Molecular Weight: 390.46

Date of production: May. 14, 2024

Batch NO: CDPFLUB20240514

EXP. Date: May. 13, 2026

Chemical structure:



Items	Specifications	Results
Description	White crystals or crystalline powder	Conform
Identification	HPLC, HNMR	Conform
Water	< 0.5 %	0.21 %
Single impurities	≤ 0.3 %	0.16%
Total impurities	≤ 2.0 %	0.40%
Residue on Ignition	≤ 0.1%	0.04%
Residue Solvent	N-Hexane ≤ 0.029% Ethyl acetate ≤ 0.5%	Not detectable Not detectable
Purity by HPLC	> 98.0%	99.6%

Conclusion: It complies with the Enterprise Standard.

Analyst: Zhao

Checker: Liu

Q.C Director. Fang F