Certificate of Analysis

Lubiprostone

Cat. No.: HY-B0679

CAS No.: 136790-76-6

Batch No.: 12620

Chemical Name: Prostan-1-oic acid, 16,16-difluoro-11-hydroxy-9,15-dioxo-, (11α)-

PHYSICAL AND CHEMICAL PROPERTIES

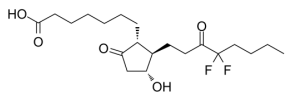
Molecular Formula: $C_{20}H_{32}F_2O_5$

Molecular Weight: 390.46

Storage:

Powder	-20°C	3 years
	4°C	2 years
In solvent	-80°C	6 months
	-20°C	1 month

Chemical Structure:



ANALYTICAL DATA

Appearance: White to off-white (Solid)

^{1}H NMR Spectrum: Consistent with structure

Purity (NMR): ≥98.0%

Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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