

Certificate of Analysis

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 Product Name
 : Lubiprostone

 Cat. No.
 : PC-25678

 CAS No.
 : 136790-76-6

 Batch No.
 : PC-2567801

Chemical Name : 7-((1R,2R,3R)-2-(4,4-Difluoro-3-oxooctyl)-3-hydroxy-5-oxocyclopentyl)heptanoic acid

PHYSICAL AND CHEMICAL PROPERTIES

 $\begin{tabular}{ll} \textbf{Molecular Weight} & \textbf{:} & 390.47 \\ \textbf{Molecular Formula} & \textbf{:} & C_{20}H_{32}F_2O_5 \\ \end{tabular}$

Storage : Powder -20°C 12 Months

4°C 6 Months

In solvent -80°C 6 Months

-20°C 6 Months

Chemical Structure :

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ANALYTICAL DATA

Appearance: Solid powder¹H NMR Spectrum: Consistent withHPLC: Consistent withNP: Consistent with

Purity (HPLC and/or LCMS) : >98%

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

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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