



Certificate of analysis

Product name: Limaprost

Cas number: 74397-12-9

Molecular Formula: C₂₂H₃₆O₅

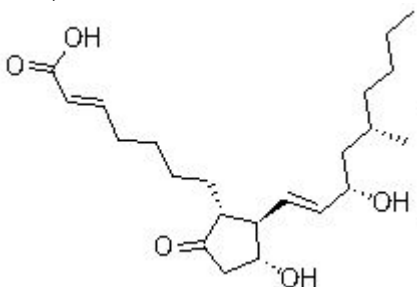
Molecular Weight: 380.52

Date of production: May. 26, 2015

Batch No: 20150326

Exp Date: May. 25, 2017

Chemical structure:



Items	Specifications	Results
Description	white to off-white powder	white powder
Water	< 0.5 %	0.07 %
Identification	By HPLC NMR	complies
Related substances	17-Epi-isomer ≤ 0.3% 11-Deoxy substance ≤ 0.3% Any other impurity ≤ 0.1% Total other impurities ≤ 1.0%	0.03% Not detectable 0.03% 0.1%
Residual Solvents	N-Hexane ≤ 0.029% Ethanol ≤ 0.5% Acetone ≤ 0.5% Isopropanol ≤ 0.5% Isopropyl ether ≤ 0.5% Ethyl Acetate ≤ 0.5%	0.028% 0.02% Not detectable Not detectable Not detectable 0.01%
Purity by HPLC	≥ 99%	99.9%

Conclusion: It complies with the Enterprise Standard.

Analyst: Zhao

Checker: Liu

Q.C Director: Fang F