



Certificate of analysis

Product name: D-Cloprostenol isopropyl ester

Cas number: 157283-66-4

Molecular Formula: C₂₅H₃₅ClO₆

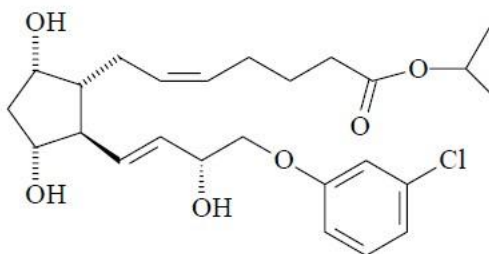
Molecular Weight: 466.99

Date of analysis: Oct. 20, 2017

Manufacturer Date: Oct. 20, 2017

Batch Number: 20171020

Expiry Date: Oct. 19, 2019



Chemical structure:

Items	Specifications	Results
Appearance	Colorless to yellow oil	yellow oil
Solubility	soluble in methanol, in ethanol(95%), practically insoluble in water	Conforms
Identification(by hplc)	RT of the sample should match with standard in the Related substances	Conforms
Water	≤1.0%	0.41%
Related substances	15-epimer ≤1.0% 5,6-trans isomer ≤2.0% Other single max impurity ≤0.5% Total other impurities ≤1.5%	0.02% 0.25% 0.01%
Residual solvents	Ethanol ≤0.5% n-Hexane ≤0.029% Tert-Butyl methyl ether ≤0.5%	0.46% Not detectable Not detectable
Purity	≥97%	99.72%

Conclusion: It complies with the Enterprise Standard.

Analyst: Zhao

Checker: Liu

Q.C Director. Fang F

