



## Certificate of analysis

Product name:DL-Cloprostenol sodium

Cas number:55028-72-3

Molecular Formula: C<sub>22</sub>H<sub>28</sub>ClNaO<sub>6</sub>

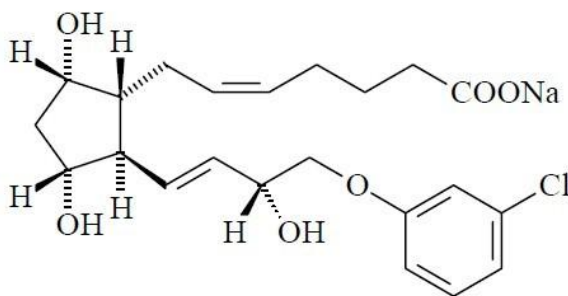
Molecular Weight: 446.90

Date of production:Sep. 20, 2023

Batch NO:20230920

EXP DATE:Sep. 19, 2025

Chemical structure:



Items	Specifications	Results
Appearance	A white to off- white,amorphous powder;hygroscopic	white amorphous powder;hygroscopic
Identification	HPLC White precipitate is observed in characteristic testing of sodium salts	Conform
Solubility	Freely soluble in water,in ethanol(96%) and in methanol.Practically insoluble in acctone.	Conform
Water content	≤3.0 %	0.94 %
15-epimer	≤0.5 %	N.D
5,6-trans isomer	≤1.0 %	0.039%
Other max single impurity	≤1.0%	N.D
Total impurities	≤2.5 %	0.039%
Residual solvents	Ethyl acetate≤0.5 % dichloromethane≤0.06 % Tetrahydrofuran≤0.072 % Diethy ether≤0.5 % Acetone≤0.5 % Methanol≤0.3%	0.05% Not detected Not detected Not detected Not detected Not detected
Total Bacteria	<100cfu/g	0
Molds/Yeasts	<10cfu/g	0
E.coli	Negative	Negative
Puirty(HPLC)	≥98.5%	99.961%
Assay (HPLC)	97.5 %~102.5%	99.96%

**Conclusion: Complies with BP standard.**

Analyst:Zhao

Checker:Liu

Q.C Director. Fang F

