



Certificate of analysis

Product name: DL-Cloprostenol sodium

Cas number: 55028-72-3

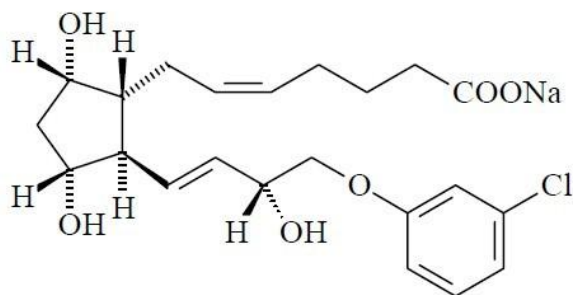
Molecular Formula: C₂₂H₂₈ClNaO₆

Molecular Weight: 446.90

Date of production: Jan. 23, 2026

Batch NO: 20260123

EXP DATE: Jan. 22, 2028



Chemical structure:

Items	Specifications	Results
Appearance	A white to off- white, amorphous powder; hygroscopic	A white amorphous powder; hygroscopic
Identification	IR: IR of the sample should match with standard	Conform
	Sodium Salt	Conform
Water content	≤3.0 %	0.20%
15-epimer	≤0.5 %	N.D
5,6-trans isomer	≤1.0 %	0.03%
Other maximum single impurity	≤1.0%	0.08%
Total impurities	≤2.5 %	0.11%
Residual solvents	Methanol ≤0.3%	0.07%
	Ethanol ≤0.5 %	N.D
	n-Hexane ≤0.029 %	N.D
	Toluene ≤0.089 %	N.D
	Tert-Butyl methyl ether ≤0.5 %	N.D
	Acetone ≤0.3%	N.D
Assay (on the anhydrous basis)	97.5 %~102.5%	99.9%

Conclusion: Complies with the USP43 standard.

Analyst: Zhao

Checker: Liu

Q.C Director. Fang F