



## CERTIFICATE OF ANALYSIS

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### 1. Identification

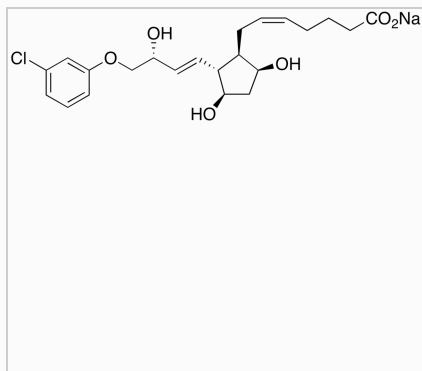
**Catalogue Number:** C587330

**CAS Number:** 62561-03-9

**Product:** d-Cloprostenol Sodium Salt

**Synonym:** (5Z)-7-[(1R,2R,3R,5S)-2-[(1E,3R)-4-(3-Chlorophenoxy)-3-hydroxy-1-buten-1-yl]-3,5-dihydroxycyclopentyl]-5-heptenoic Acid Sodium Salt; [1R-[1 $\alpha$ (Z),2 $\beta$ (1E,3R\*),3 $\alpha$ ,5 $\alpha$ ]]-7-[2-[4-(3-Chlorophenoxy)-3-hydroxy-1-butenyl]-3,5-dihydroxycyclopentyl]-5-heptenoic Acid Sodium Salt; (7Z)-7-[(1R,2R,3R,5S)-2-[(1E,3R)-4-(3-Chlorophenoxy)-3-hydroxy-1-butenyl]-3,5-dihydroxycyclopentyl]-5-Heptenoic Acid Monosodium Salt; Veteglan; d-Cloprostenol Sodium Salt

**Structure:**



**Molecular Formula:**

C<sub>22</sub>H<sub>28</sub>ClNaO<sub>6</sub>

**Molecular weight:**

446.9

**Source of Product:**

N/A

**Solubility:**

DMSO (Slightly), Methanol (Slightly), Water (Slightly)

**Lot Number:** 20-SBL-48-2

**Purity:** 97%

**Shipping Condition:** This Product Is Stable To Be Shipped At Room Temperature With Dry Pack

**Storage Condition:** -20°C

### 2. Warning

**Warning 1:**

**Warning 2:**

**Warning 3:**

### 3. Analytical Information

Tests:	Specifications:	Results:
Elemental Analysis	Conforms	%C: 59.53, %H: 6.72
Specific Rotation	Report Result	+17.4° (c = 0.5, Methanol)
Appearance	White to Pale Yellow Solid	Off-White to Pale Yellow Solid
NMR	Conforms to Structure	Conforms
HPLC Purity	Report Result	99.40% (200 nm)
MS	Conforms to Structure	Conforms
Sodium Content	Report Result	3.44% by Ion Chromatography

**Additional Information:** N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of  $\pm 2\%$ . Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

### 4. Signatures

<b>Reviewed By</b>	<b>Reviewed By</b>	<b>C of A Approved By</b>	<b>Test Date</b>	<b>Retest Date</b>
Nicole Yip	Toni Rantanen	Chanell Chu	12/1/2021	11/29/2025
				