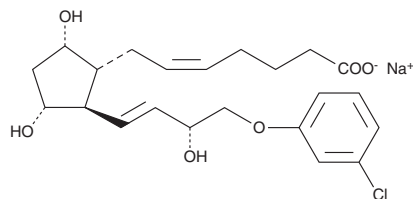


# Veterinary APIs

A stable and potent analog of prostaglandin  $F_{2\alpha}$  ( $PGF_{2\alpha}$ ), cloprostenol is used in the care of domestic mammals to induce luteolysis, initiate estrus, and synchronize estrus cycles. Both the racemic and active isomer are also used to induce parturition, terminate abnormal and normal pregnancies, and treat chronic endometriosis and ovarian luteal cysts.

- US FDA and EMA compliant
- Analytical standards of impurities and degradation products available

## CGMP ( $\pm$ )-Cloprostenol sodium salt



### Nomenclature

**Formal Name:** ( $\pm$ )-9 $\alpha$ ,11 $\alpha$ ,15R-trihydroxy-16-(3-chlorophenoxy)-17,18,19,20-tetranor-prosta-5Z,13E-dien-1-oic acid, monosodium salt

**CAS Number:** 55028-72-3

### Formula

**Molecular Formula:**  $C_{22}H_{28}ClO_6 \cdot Na$  · **Formula Weight:** 446.9

### Physiochemical Data

**Solubility:** Freely soluble in ethanol; soluble in water; practically insoluble in acetone, chloroform, diethyl ether, and hexane

**Appearance:** Odorless, white or off-white, slightly hygroscopic crystalline powder

### Availability

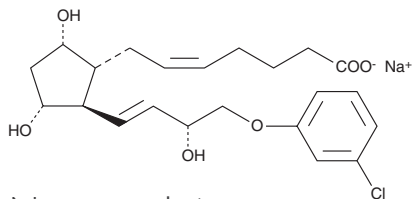
GMP material, which conforms to the USP and BVP Monographs, is available. The DMF is on file with the US FDA, Canada, Russia, in almost all EU member states, and many other countries.



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# CGMP (+)-Cloprostenol sodium salt



## Nomenclature

**Formal Name:** (+)-9 $\alpha$ ,11 $\alpha$ ,15R-trihydroxy-16-(3-chlorophenoxy)-17,18,19,20-tetranor-prosta-5Z,13E-dien-1-oic acid, monosodium salt

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

## Formula

**Molecular Formula:** C<sub>22</sub>H<sub>28</sub>ClO<sub>6</sub> • Na · **Formula Weight:** 446.9

## Physiochemical Data

**Solubility:** Freely soluble in water; very soluble in ethanol; slightly soluble in acetone; practically insoluble in chloroform, diethyl ether, and hexane

**Appearance:** White to almost white, very hygroscopic powder

## Availability

GMP material is available, and the ASMF for (+)-Cloprostenol sodium salt is on file in the UK, Switzerland, and most EU countries.