

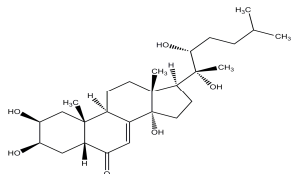
**PRODUCT: Ponasterone A****RELATED PRODUCTS:**

Muristerone A (Cat. No. 2184-250, 1000)

**ALTERNATE NAME:** Pon A; 25-Deoxy-20-hydroxyecdysone; 25-Deoxyecdysterone; AI3-44686; 2 $\beta$ ,3 $\beta$ ,14 $\alpha$ ,20R,22R-Pentahydroxy-5 $\beta$ -cholest-7-en-6-one

**CATALOG #:** 2183-1, 5

**AMOUNT:** 1 mg, 5 mg

**STRUCTURE:**

**MOLECULAR FORMULA:** C<sub>27</sub>H<sub>44</sub>O<sub>6</sub>

**MOLECULAR WEIGHT:** 464.63

**CAS NUMBER:** 13408-56-5

**APPEARANCE:** White to off-white solid

**SOLUBILITY:** DMSO or EtOH

**PURITY:**  $\geq$ 95% by HPLC

**STORAGE:** Store at -20 °C. Protect from air and light

**DESCRIPTION:** A member of the ecdysteroid family. Ecdysone receptor (EcR) agonist. An analog of ecdysone with similar properties to muristerone A. Induces expression of  $\beta$ -galactosidase to levels similar to those obtained with muristerone A induction. A reliable and economical substitute for muristerone A as an inducer for the ecdysone-inducible mammalian expression system.

**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

**USAGE:** **FOR RESEARCH CH USE ONLY! Not to be used in humans**