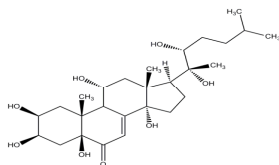


**PRODUCT: Muristerone A****RELATED PRODUCTS:**

Ponasterone A (Cat. No. 2183-1, 5)

ALTERNATE NAME: 2 $\beta$ ,3 $\beta$ ,5 $\beta$ ,11 $\alpha$ ,14 $\alpha$ ,20*R*,22*R*-Heptahydroxycholest-7-en-6-one

CATALOG #: 2184-250, 1000

AMOUNT: 250  $\mu$ g, 1 mg**STRUCTURE:**MOLECULAR FORMULA: C<sub>27</sub>H<sub>44</sub>O<sub>8</sub>

MOLECULAR WEIGHT: 496.63

CAS NUMBER: 38778-30-2

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 potent member of the ecdysteroid family. Ecdysone receptor (EcR) agonist. An analog of ecdysone with similar properties to Ponasterone A (Cat. No. 2183). Inducer of ecdysone-inducible gene expression systems in mammalian cells and transgenic animals. Induces expression of  $\beta$ -galactosidase. Induces apoptosis in cells transfected with wild-type Bax. Stimulates Bcl-XL mRNA transcription and inhibits TRAIL- and hFasL-induced apoptosis in RKO cells.

**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*