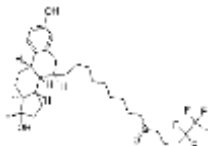


**PRODUCT: Fulvestrant**

**ALTERNATE NAME:** (7R,8R,9S,13S,14S,17S)-13-methyl-7-(9-((4,4,5,5,5-pentafluoropentyl)sulfinyl)nonyl)-7,8,9,11,12,13,14,15,16,17-decahydro-6H-cyclopenta[a]phenanthrene-3,17-diol; ICI182,780

**CATALOG NUMBER:** B1863-5,25

**AMOUNT:** 5 mg, 25 mg

**STRUCTURE:**

**MOLECULAR FORMULA:** C<sub>23</sub>H<sub>47</sub>F<sub>5</sub>O<sub>3</sub>S

**MOLECULAR WEIGHT:** 606.77

**CAS NUMBER:** 129453-61-8

**APPEARANCE:** White solid

**SOLUBILITY:** DMSO (>50 mg/ml) or EtOH (>25 mg/ml)

**PURITY:** ≥98% by HPLC

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

**DESCRIPTION:** Fulvestrant is a high affinity estrogen receptor antagonist (IC<sub>50</sub> = 0.29 nM), that works by down-regulating and degrading the estrogen receptor, ERα. Reported to lack any partial agonist activity.

**REFERENCES:** Howell, A., *et al.* (2000). *Cancer* **89**, 817-825.

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

**RELATED PRODUCTS:**

Estrogen Receptor beta (Human) ELISA Kit (**K4268**)  
Estrogen Receptor alpha (Human) ELISA Kit (**K4267**)  
Estrogen (Human) ELISA Kit (**K4264**)  
Estrogen (Mouse) ELISA Kit (**K4265**)  
Estrogen (Rat) ELISA Kit (**K4266**)  
2-Methoxyestradiol (**2166**)

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