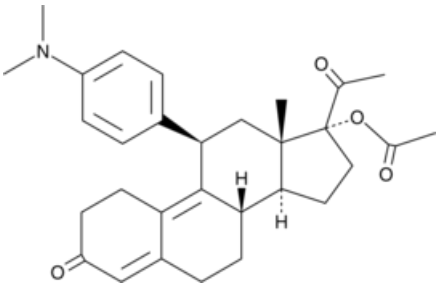
Product Information

Ulipristal Acetate

Cat No: 23657 - 5 mg



General Data

Shipping: dry ice

Formulation: A crystalline solid

Purity: ≥98%

Product Overview

Ulipristal acetate is a selective progesterone receptor modulator (SPRM) that binds to the human progesterone receptors PR-A and PR-B (EC50s = 8.5 and 7.7 nM, respectively), rabbit uterine PR (EC50 = 13.6 nM), and rabbit thymic glucocorticoid receptor (GR; EC50 = 15.4 nM).{40657} It is selective for human progesterone receptors over the human estrogen receptor (ER; EC50 = >10,000 nM). It inhibits growth of IGROV-1 and SKOV3 human ovarian cancer cells (IC50s = 15.5 and 31.5 µM, respectively) even after resistance to combined cisplatin (Item No. 13119) and paclitaxel (Item No. 10461) treatment has developed.{40658} Ulipristal acetate reverses the proliferative effect of progesterone on patient-derived germline mutant BRCA1 breast tissue xenografts in ovariectomized athymic mice.{40659} Ulipristal acetate (40 mg/kg, i.p.) administered to female mice within 6 hours of human chorionic gonadotropin (hCG) treatment inhibits ovulation.{40660} Formulations containing ulipristal acetate have been used as emergency contraceptives and to treat uterine fibroids.

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