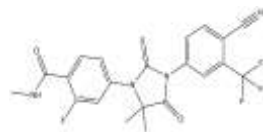


PRODUCT: MDV-3100**ALTERNATE NAME:** 4-(3-(4-cyano-3-(trifluoromethyl)phenyl)-5,5-dimethyl-4-oxo-2-thioxoimidazolidin-1-yl)-2-fluoro-N-methylbenzamide; Enzalutamide**CATALOG #:** 9479-10, 50**AMOUNT:** 10 mg, 50 mg**STRUCTURE:****MOLECULAR FORMULA:** C₂₁H₁₆F₄N₄O₂S**MOLECULAR WEIGHT:** 464.43**CAS NUMBER:** 915087-33-1**APPEARANCE:** White solid**SOLUBILITY:** DMSO (~25 mg/ml)**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20°C. Protect from air and light**DESCRIPTION:** MDV-3100 (Enzalutamide) is an androgen-receptor (AR) antagonist (IC₅₀ = 36 nM). Prevents nuclear translocation and co-activator recruitment of the ligand-receptor complex. MDV 3100 has also been shown to induce tumor cell apoptosis, and has no agonist activity. MDV 3100 is a candidate for the treatment of castration-resistant prostate cancer.**REFERENCES:** El-Amin, J., *et al.* (2013). *Clin. Med. Insights Oncol.* **7**, 235-245.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**Androgen receptor Antibody (**6710**)Androgen receptor Antibody (**Clone 549CT161.4**) (**6710**)**USAGE:** **FOR RESEARCH CH USE ONLY! Not to be used in humans**