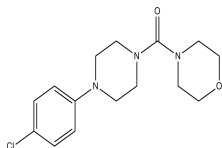


**PRODUCT: AKR1C3 Inhibitor III****ALTERNATE NAME:** 4-(4-Chlorophenyl)piperazin-1-yl)(morpholino)methanone**CATALOG #:** 2424-5, 25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C<sub>15</sub>H<sub>20</sub>ClN<sub>3</sub>O<sub>2</sub>**MOLECULAR WEIGHT:** 309.79**CAS NUMBER:** N/A**APPEARANCE:** White to off-white solid**SOLUBILITY:** DMSO**PURITY:** ≥98% by HPLC**STORAGE:** At -20° C. Protect from light and air**DESCRIPTION:** A highly potent and selective inhibitor of the type 5 17-β-hydroxysteroid dehydrogenase AKR1C3 (IC<sub>50</sub> = 88 nM). Displays >100-fold selectivity against AKR1C1, AKR1C2 and AKR1C4. Does not display any COX (cyclooxygenase) inhibition at 10 μM in whole blood assay.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**LICENSING INFORMATION:** *Sold for research purposes under a license agreement with Cancer Research Technology Ltd., U.K.***RELATED PRODUCTS:**

AKR1C1, human recombinant (Cat. No. 6336-100)

AKR1C3, human recombinant (Cat. No. 6337-100)

AKR1C4, human recombinant (Cat. No. 6338-100)

AKR1C3 Inhibitor I (Cat. No. 2403-5, 25)

AKR1C3 Inhibitor II (Cat. No. 2404-5, 25)

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