

# AKR1C3 inhibitor CRT0093964 Small Molecule (Tool Compound)

**Catalogue number:** 151880

**Sub-type:** Inhibitor

**Images:**

## Contributor

**Inventor:** Laurent Rigoreau

**Institute:** Cancer Research Technology

**Images:**

## Tool details

**\*FOR RESEARCH USE ONLY**

**Name:** AKR1C3 inhibitor CRT0093964 Small Molecule (Tool Compound)

**Alternate name:**

**Class:**

**Conjugate:**

**Description:** CRT0093964 is a highly potent and selective inhibitor of the Type 5 17- $\beta$ -Hydroxysteroid Dehydrogenase (AKR1C3).

**Purpose:** Inhibitor

**Parental cell:**

**Organism:**

**Tissue:**

**Model:**

**Gender:**

**Isotype:**

**Reactivity:**

**Selectivity:** Displays >100-fold selectivity against AKR1C1, AKR1C2 and AKR1C4. Does not display any COX (cyclooxygenase) inhibition at 10  $\mu$ M in whole blood assay.

**Host:**

**Immunogen:**

**Immunogen UNIPROT ID:**

**Sequence:**

**Growth properties:**

**Production details:**

**Formulation:**

**Recommended controls:**

**Bacterial resistance:**

**Selectable markers:**

**Additional notes:** Referred to as A9 in Khanim et al., 2014.

## Target details

**Target:**

**Target alternate names:**

**Target background:**

**Molecular weight:** 309.79

**Ic50:** IC50 = 88 nM

## Applications

**Application:**

**Application notes:**

## Handling

**Format:**

**Concentration:**

**Passage number:**

**Growth medium:**

**Temperature:**

**Atmosphere:**

**Volume:**

**Storage medium:**

**Storage buffer:**

**Storage conditions:**

**Shipping conditions:** Dry Ice

## Related tools

**Related tools:** AKR1C3 inhibitor CRT0083914 Small Molecule (Tool Compound) ; AKR1C3 inhibitor CRT0036521 Small Molecule (Tool Compound)

## References

**References:** CRT0083914- Heinrich et al. 2013. Eur J Med. Chem. PMID: 23454516

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