

## PRODUCT: **MCB-613**

### RELATED PRODUCTS:

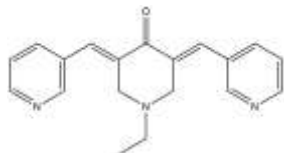
Androgen receptor antibody (**6710**)SRA antibody (**3780**)SRC3 antibody (**3773**)

ALTERNATE NAME: 4-ethyl-2,6-bis(3-pyridinylmethylene)-cyclohexanone

CATALOG #: B2268-5,25

AMOUNT: 5 mg, 25 mg

### STRUCTURE:

MOLECULAR FORMULA: C<sub>20</sub>H<sub>20</sub>N<sub>2</sub>O

MOLECULAR WEIGHT: 304.4

CAS NUMBER: 1162656-22-5

APPEARANCE: White to off-white solid

SOLUBILITY: DMSO (~5 mg/ml)

PURITY: ≥97% by HPLC

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

**DESCRIPTION:** MCB-613 is a small-molecule steroid coactivators SRC-1, SRC-2, and SRC-3 that has been used to disrupt cancer cell homeostatic dependence on SRCs. MCB-613 can super-stimulate SRCs' transcriptional activity and increase SRCs' interactions with other coactivators and markedly induce ER stress coupled to the generation of reactive oxygen species (ROS)

**REFERENCES:** Wang, L., *et al.* (2015). *Cancer Cell* **28**, 240-252

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

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