

## Product Datasheet

# MCB-613

Catalog No. **BP-01846** · CAS **1162656-22-5** · Form **free base** · Physical state **solid** · Color **light yellow to yellow** · Version **1.0**  
 · Revision **2026-09-08**

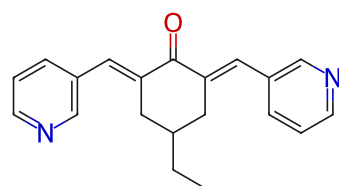
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|                                                            |                                |
|------------------------------------------------------------|--------------------------------|
| Target<br><b>Reactive Oxygen Species (ROS); Paraptosis</b> | Research area<br><b>Cancer</b> |
|------------------------------------------------------------|--------------------------------|

Molecular formula **C<sub>20</sub>H<sub>20</sub>N<sub>2</sub>O**

Molecular weight **304.3856**

### STRUCTURE



## DESCRIPTION

MCB-613 is a potent Steroid receptor coactivator SRC small molecule stimulator.

## BIOLOGICAL ACTIVITY

MCB-613 is a potent Steroid receptor coactivator SRC small molecule 'stimulator' (SMS), super-stimulates SRCs' transcriptional activity. MCB-613 increases SRCs' interactions with other coactivators and markedly induces ER stress coupled to the generation of reactive oxygen species (ROS). MCB-613 is a SMS that target oncogenes can be exploited as anti-cancer agents by over-stimulating the SRC oncogenic program.

## SOLUBILITY

Soluble in DMSO

## REFERENCES

[1]. Wang L, et al. Characterization of a Steroid Receptor Coactivator Small Molecule Stimulator that Overstimulates Cancer Cells and Leads to Cell Stress and Death. Cancer Cell. 2015 Aug 10;28(2):240-52.

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