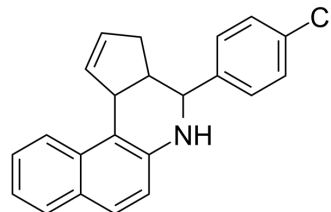


## Androgen receptor antagonist 4

Cat. No.:	HY-146027
CAS No.:	354815-43-3
Molecular Formula:	C <sub>22</sub> H <sub>18</sub> ClN
Molecular Weight:	331.84
Target:	Androgen Receptor
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	Androgen receptor antagonist 4 (Compound AT2) is an androgen receptor (AR) antagonist with an IC <sub>50</sub> of 0.15 μM. Androgen receptor antagonist 4 efficiently antagonizes AR transcriptional activity, suppresses downstream target gene of AR, and blocks the DHT-induced AR nuclear translocation. Androgen receptor antagonist 4 shows anticancer activities <sup>[1]</sup> .
IC <sub>50</sub> & Target	IC <sub>50</sub> : 0.15 μM (Androgen receptor) <sup>[1]</sup>

### REFERENCES

[1]. Tang Q, et al. Novel androgen receptor antagonist identified by structure-based virtual screening, structural optimization, and biological evaluation. *Eur J Med Chem.* 2020 Apr 15;192:112156.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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