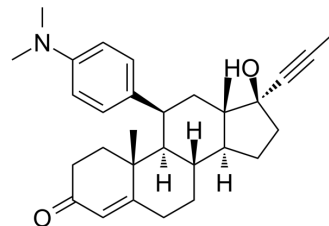


## OP-3633

Cat. No.:	HY-125839
CAS No.:	2102494-14-2
Molecular Formula:	C <sub>30</sub> H <sub>39</sub> NO <sub>2</sub>
Molecular Weight:	445.64
Target:	Glucocorticoid Receptor
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

Description	OP-3633 is a potent and selective steroidal glucocorticoid receptor (GR) antagonist with an IC <sub>50</sub> of 29 nM, with inhibition of GR transcriptional activity. OP-3633 exhibits low progesterone receptor (PR) agonism and androgen receptor (AR) antagonism <sup>[1]</sup> .
IC <sub>50</sub> & Target	IC <sub>50</sub> : 29 nM (GR) <sup>[1]</sup>
In Vitro	OP-3633 exhibits low progesterone receptor (PR) agonism with an EC <sub>50</sub> higher than 2500 nM <sup>[1]</sup> . OP-3633 exhibits low androgen receptor (PR) antagonism, with an IC <sub>50</sub> of 1135 nM <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

## REFERENCES

[1]. Du X, et al. Discovery of a Potent Steroidal Glucocorticoid Receptor Antagonist with Enhanced Selectivity against the Progesterone and Androgen Receptors (OP-3633). J Med Chem. 2019 Jul 25;62(14):6751-6764.

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

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