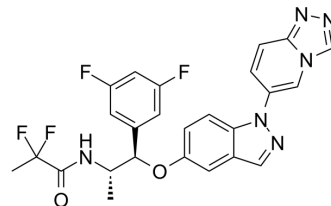


## Glucocorticoid receptor-IN-2

Cat. No.:	HY-142942
CAS No.:	2664932-65-2
Molecular Formula:	C <sub>25</sub> H <sub>20</sub> F <sub>4</sub> N <sub>6</sub> O <sub>2</sub>
Molecular Weight:	512.46
Target:	Glucocorticoid Receptor; MMP
Pathway:	GPCR/G Protein; Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	Glucocorticoid receptor-IN-2 (Compound WX019) is a selective glucocorticoid receptor (GR) modulator with anti-inflammatory effect. Glucocorticoid receptor-IN-2 exhibits very good transcriptional repressive activity with an IC <sub>50</sub> of 0.171 nM against hMMP1, and comparable transcriptional activation activity with an EC <sub>50</sub> of 0.94 nM against MMTV <sup>[1]</sup> .
<b>In Vitro</b>	Glucocorticoid receptor-IN-2 (Compound WX019) inhibits human peripheral blood mononuclear cells TNF-α with an IC <sub>50</sub> of 0.98 nM <sup>[1]</sup> . Glucocorticoid receptor-IN-2 shows inhibitory effect on CYP3A4 with an IC <sub>50</sub> of 9.12 μM <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Sheng Su, et al. Benzopyrazole compound. WO2021136429.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA