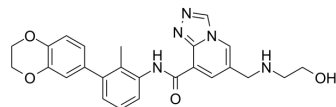


## PD-1-IN-22

Cat. No.:	HY-128605
CAS No.:	2349372-98-9
Molecular Formula:	C <sub>25</sub> H <sub>25</sub> N <sub>5</sub> O <sub>4</sub>
Molecular Weight:	459.5
Target:	PD-1/PD-L1
Pathway:	Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	PD-1-IN-22 is a potent programmed cell death-1 (PD-1)/programmed cell death-ligand 1 (PD-L1) interaction inhibitor with an IC <sub>50</sub> of 92.3 nM <sup>[1]</sup> .
<b>IC<sub>50</sub> &amp; Target</b>	IC <sub>50</sub> : 92.3 nM (programmed cell death-1 (PD-1)/programmed cell death-ligand 1 (PD-L1) interaction) <sup>[1]</sup>
<b>In Vitro</b>	PD-1-IN-22 dose-dependently elevates IFN-γ secretion in a co-culture model of Hep3B/OS-8/hPD-L1 and CD3 T cells <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Qin M, et al. Discovery of [1,2,4]Triazolo[4,3- a]pyridines as Potent Inhibitors Targeting the Programmed Cell Death-1/Programmed Cell Death-Ligand 1 Interaction. J Med Chem. 2019 May 9;62(9):4703-4715.

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

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