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## Product Data Sheet

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Product Name: PD-1-IN-22

Cat. No.: GC36862

**Chemical Properties**

Cas. No. 2349372-98-9

SMILES CC1=C(NC(C2=CC(CNCCO)=CN3C2=NN=C3)=O)C=CC=C1C4=CC5=C(OCCO5)C=C4Formula C<sub>25</sub>H<sub>25</sub>N<sub>5</sub>O<sub>4</sub>

M.Wt

459.5

Solubility Soluble in DMSO

Storage

Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

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[1]. IC<sub>50</sub>: 92.3 nM (programmed cell death-1 (PD-1)/programmed cell death-ligand 1 (PD-L1) interaction)[1]

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[1].

[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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