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**Product Data Sheet**

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Product Name: PD-1/PD-L1-IN-14

Cat. No.: GC69674

**Chemical Properties**

Cas. No. 2499965-12-5

Formula  $C_{24}H_{24}N_4O_2$  M.Wt 400.47

Solubility DMSO : 100 mg/mL (249.71 mM; ultrasonic and warming and heat to 160°C) 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/PD-L1-IN-14 (compound 17) is a bifunctional inhibitor of **PD-L1**<sup>[1]</sup>.**PD-1/PD-L1-IN-14 (compound 17) promotes cell-surface PD-L1 internalized into the cytosol and induces the degradation of PD-L1 in tumor cells through a lysosome-dependent pathway**<sup>[1]</sup>.**[1]. Tianyu Wang, et al. Discovery of Small-Molecule Inhibitors of the PD-1/PD-L1 Axis That Promote PD-L1 Internalization and Degradation. J Med Chem. 2022 Mar 10;65(5):3879-3893.**

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

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