
Product Data Sheet

Product Name: PD-1-IN-17

Cat. No.: GC34928

Chemical Properties

Cas. No. 1673560-66-1

SMILES OC[C@@H](C(O)=O)NC(N[C@H](C1=NN=C([C@@H](N)[C@H](O)C)O1)CCC(N)=O)=OFormula $C_{13}H_{22}N_6O_7$ M.Wt 374.35

Solubility DMSO : 125 mg/mL (333.91 mM) 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-17 is an inhibitor of the programmed cell death protein 1 (PD-1) signaling pathway.¹ It reverses inhibition of isolated mouse splenocyte proliferation induced by PD-1 ligand (PD-L1) when used at a concentration of 100 nM.

1. Sasikumar, P.G.N., Ramachandra, M., and Naremaddepalli, S.S.S. 1,3,4-oxadiazole and 1,3,4-thiadiazole derivatives as immunomodulators (2015)

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

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