
Product Data Sheet

Product Name: PD1-PDL1-IN 1

Cat. No.: GC65920

Chemical Properties

Cas. No. 2005454-12-4

Formula $C_{14}H_{23}N_7O_6$ M.Wt 385.38

Solubility 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**

PD1-PDL1-IN 1 is a potent **programmed cell death 1 (PD-1)** inhibitor. PD1-PDL1-IN 1 is useful as immune modulator^[1].

PD-1 (or Programmed Cell Death 1 or PDCD1) is a ~55kD type I membrane glycoprotein and is a receptor of the CD28 superfamily that negatively regulates T cell antigen receptor signalling by interacting with the specific ligands. PD-1 is suggested to play significant role in the maintenance of self-tolerance^[1].

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

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