

PD-1/PD-L1-IN-34

## Chemical Properties

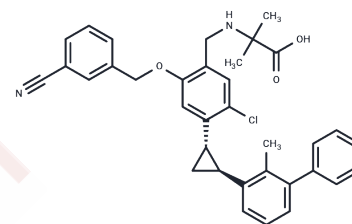
CAS No. : 2924403-17-6

Formula: C<sub>35</sub>H<sub>33</sub>ClN<sub>2</sub>O<sub>3</sub>

Molecular Weight: 565.1

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



## Biological Description

|                            |  |
|----------------------------|--|
| Description                | PD-1/PD-L1-IN-34 (Compound (1S,2S)-A25) effectively inhibits the PD-1/PD-L1 interaction (IC <sub>50</sub> = 0.029 μM) and demonstrates selective binding affinity to PD-L1 (K <sub>D</sub> = 0.1554 μM), resulting in the activation of the immune microenvironment and suppression of tumor growth [1]. |
| Targets(IC <sub>50</sub> ) | PD-1/PD-L1   |

## Preparing Stock Solutions

|       | 1mg       | 5mg       | 10mg      |
|-------|-----------|-----------|-----------|
| 1 mM  | 1.7696 mL | 8.848 mL  | 17.696 mL |
| 5 mM  | 0.3539 mL | 1.7696 mL | 3.5392 mL |
| 10 mM | 0.177 mL  | 0.8848 mL | 1.7696 mL |
| 50 mM | 0.0354 mL | 0.177 mL  | 0.3539 mL |

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286

E\_mail:info@targetmol.com

Address:34 Washington Street,Wellesley Hills,MA 02481