

PVD-06

## Chemical Properties

CAS No. : 3032975-48-4

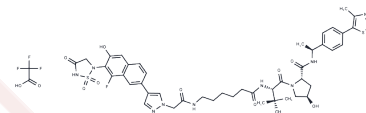
Formula: C<sub>48</sub>H<sub>55</sub>F<sub>4</sub>N<sub>9</sub>O<sub>11</sub>S<sub>2</sub>

Molecular Weight: 1074.13

Keep away from direct sunlight

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   | PVD-06 is a selective PROTAC-based degrader of PTPN2 (with a selectivity index of greater than 60-fold over PTP1B) and exhibits anticancer activity. It induces the degradation of PTPN2 through ubiquitination and proteasome-dependent pathways. PVD-06 also enhances T cell activation and amplifies IFN- $\gamma$ -mediated cytotoxicity. |
| Targets(IC50) | Phosphatase,PROTACs   |

## Preparing Stock Solutions

|       | 1mg       | 5mg       | 10mg      |
|-------|-----------|-----------|-----------|
| 1 mM  | 0.931 mL  | 4.6549 mL | 9.3099 mL |
| 5 mM  | 0.1862 mL | 0.931 mL  | 1.862 mL  |
| 10 mM | 0.0931 mL | 0.4655 mL | 0.931 mL  |
| 50 mM | 0.0186 mL | 0.0931 mL | 0.1862 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

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