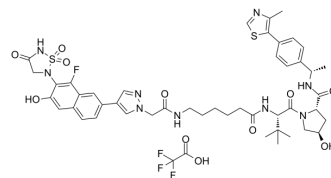


## PVD-06

Cat. No.:	HY-149760
CAS No.:	3032975-48-4
Molecular 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
Target:	Phosphatase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

Description	PVD-06 is a selective PTPN2 degrader (PTPN2/PTP1B selectivity index >60-fold) and induces PTPN2 degradation in a ubiquitination- and proteasome-dependent manner. PVD-06 promotes T cell activation and amplifies IFN- $\gamma$ -mediated cytotoxicity. PVD-06 has anticancer activity <sup>[1]</sup> .
IC <sub>50</sub> & Target	PTPN2 <sup>[1]</sup>

## REFERENCES

[1]. Hu L et al. Discovery of PVD-06 as a Subtype-Selective and Efficient PTPN2 Degradator. J Med Chem. 2023 Nov 23;66(22):15269-15287.

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

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