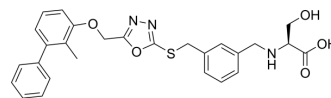


## LP23

Cat. No.:	HY-156085
CAS No.:	3008239-25-3
Molecular Formula:	C <sub>27</sub> H <sub>27</sub> N <sub>3</sub> O <sub>5</sub> S
Molecular Weight:	505.59
Target:	PD-1/PD-L1
Pathway:	Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	LP23 is a non-arylmethylamine PD-1/PD-L1 inhibitor (IC <sub>50</sub> : 16.7 nM) with anti-tumor activity. LP23 restores immune cell function in HepG2/Jurkat T cells and promotes HepG2 cell death. LP23 is active in vivo in the B16-F10 tumor model (TGI=88.6% at 30 mg/kg) <sup>[1]</sup> .
IC <sub>50</sub> & Target	IC <sub>50</sub> : 16.7 nM (PD-L1) <sup>[1]</sup>

### REFERENCES

[1]. Liu J, et al. Discovery and Crystallography Study of Novel Biphenyl Ether and Oxadiazole Thioether (Non-Arylmethylamine)-Based Small-Molecule PD-1/PD-L1 Inhibitors as Immunotherapeutic Agents. J Med Chem. 2023 Sep 6..

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

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