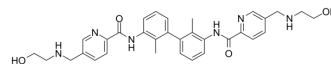


## ARB-272572

Cat. No.:	HY-142221		
CAS No.:	2368182-63-0		
Molecular Formula:	C <sub>32</sub> H <sub>36</sub> N <sub>6</sub> O <sub>4</sub>		
Molecular Weight:	568.67		
Target:	PD-1/PD-L1		
Pathway:	Immunology/Inflammation		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 125 mg/mL (219.81 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	1.7585 mL	8.7924 mL	17.5849 mL
5 mM	0.3517 mL	1.7585 mL	3.5170 mL
10 mM	0.1758 mL	0.8792 mL	1.7585 mL

Please refer to the solubility information to select the appropriate solvent.

### BIOLOGICAL ACTIVITY

#### Description

ARB-272572 is a potent small-molecule PD-L1 inhibitor with an IC<sub>50</sub> value of 400 pM.

### REFERENCES

[1]. Park JJ, et al. Checkpoint inhibition through small molecule-induced internalization of programmed death-ligand 1. Nat Commun. 2021 Feb 22;12(1):1222.

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

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