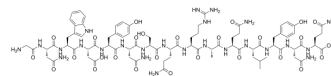


Human PD-L1 inhibitor IV

Cat. No.:	HY-P2477
CAS No.:	2135542-83-3
Molecular Formula:	C ₈₀ H ₁₁₃ N ₂₅ O ₂₇
Molecular Weight:	1856.9
Sequence Shortening:	GNWDYNSQRAQLYNQ
Target:	PD-1/PD-L1
Pathway:	Immunology/Inflammation
Storage:	Sealed storage, away from moisture and light, under nitrogen
	Powder -80°C 2 years
	-20°C 1 year



* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light, under nitrogen)

SOLVENT & SOLUBILITY

In Vitro

DMSO : 50 mg/mL (26.93 mM; Need ultrasonic)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		0.5385 mL	2.6927 mL	5.3853 mL
	5 mM		0.1077 mL	0.5385 mL	1.0771 mL
	10 mM		0.0539 mL	0.2693 mL	0.5385 mL

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

BIOLOGICAL ACTIVITY

Description

Human PD-L1 inhibitor IV, a polypeptide, is a competitive human PD-1 protein inhibitor with a K_d value of 1.38 μM. Human PD-L1 inhibitor IV inhibits the interaction of hPD-1/hPD-L1^[1].

IC₅₀ & Target

Kd: 1.38 μM (Human PD-1 protein)^[1]

REFERENCES

[1]. Qiao Li, et al. Discovery of peptide inhibitors targeting human programmed death 1 (PD-1) receptor. Oncotarget. 2016 Oct 4;7(40):64967-64976.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA