

PD-1/PD-L1-IN-42

Cat. No.:	HY-P10217
Molecular Formula:	C ₈₅ H ₁₂₉ N ₂₁ O ₂₄ S
Molecular Weight:	1861.13
Sequence:	Tyr-Arg-Cys-Met-Ile-Ser-Tyr-Gly-Gly-Ala-Asp-Tyr-Lys-Arg
Sequence Shortening:	TRSPICYQIIDYKFN
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	PD-1/PD-L1-IN-42 (Compound B8.4) is an inhibitor of the interaction between PD-1 and PD-L1, with an EC ₅₀ of 0.1 μM. PD-1/PD-L1-IN-42 can be used for the research of cancer immunotherapy ^[1] .
IC ₅₀ & Target	EC ₅₀ : 0.1 μM (PD-1/PD-L1) ^[1] .

REFERENCES

[1]. Tseng TS, et al. Structure-Guided Discovery of PD-1/PD-L1 Interaction Inhibitors: Peptide Design, Screening, and Optimization via Computation-Aided Phage Display Engineering. J Chem Inf Model. 2024;64(5):1615-1627.

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

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