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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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CVRARTR

Cat. No.:	HY-P10439
CAS No.:	2349354-64-7
Molecular Formula:	C ₃₃ H ₆₄ N ₁₆ O ₉ S
Molecular Weight:	861.03
Sequence:	Cys-Val-Arg-Ala-Arg-Thr-Arg
Sequence Shortening:	CVRARTR
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

CVRARTR is an antagonist for programmed cell death ligand-1 (PD-L1) with K_D of 281 nM. CVRARTR induces the internalization of PD-L1 and downregulates PD-L1 on the cell surface. CVRARTR restores cytokine secretion and T cell proliferation in cell CT26. CVRARTR exhibits antitumor efficacy against in CT26 homograft mouse model^[1].

REFERENCES

[1]. Gurung S, et al., Phage display-identified PD-L1-binding peptides reinvigorate T-cell activity and inhibit tumor progression. *Biomaterials*. 2020 Jul;247:119984.

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

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