



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

OPBP-1

Cat. No.:	HY-P10424
Molecular Formula:	C ₆₄ H ₉₂ N ₂₀ O ₁₉ S
Molecular Weight:	1477.6
Sequence:	d-(Gly-Gln-Ser-Glu-His-His-Met-Arg-Val-Tyr-Ser-Phe)
Sequence Shortening:	d-(GQSEHHRVYSF)
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

OPBP-1 is a D-peptide obtained by phage display screening, molecular docking and molecular dynamics simulation. OPBP-1 has high stability and strong antitumor and oral activity. OPBP-1 can selectively bind PD-L1 protein, significantly block the interaction between PD-1 and PD-L1, and this blocking effect helps to restore and improve the function of T lymphocytes and reduce the proportion of bone marrow derived suppressor cells (MDSCs) to combat tumor-induced immune escape. OPBP-1 can be used in cancer immunotherapy research^[1].

REFERENCES

[1]. Li W, et al. An orally available PD-1/PD-L1 blocking peptide OPBP-1-loaded trimethyl chitosan hydrogel for cancer immunotherapy[J]. Journal of Controlled Release, 2021, 334: 376-388.

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