



# 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

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## M2 Peptide

<b>Cat. No.:</b>	HY-P10449
<b>Molecular Formula:</b>	C <sub>86</sub> H <sub>107</sub> N <sub>19</sub> O <sub>20</sub> S
<b>Molecular Weight:</b>	1758.95
<b>Sequence:</b>	Tyr-Trp-Trp-Lys-Val-Gly-Trp-Pro-Asp-Gln-Glu-Tyr-Cys-NH <sub>2</sub>
<b>Sequence Shortening:</b>	YWWKVGWPDQEYC-NH <sub>2</sub>
<b>Target:</b>	Others
<b>Pathway:</b>	Others
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

#### Description

M2 Peptide is a peptide targeting M2-like tumor-associated macrophages (TAMs). M2 Peptide is used to carry drugs or small interfering RNA (siRNA) to promote the repolarization of M2-like macrophages to M1-like macrophages, thereby altering the immunosuppressive state in the tumor microenvironment and enhancing the anti-tumor immune response. M2 Peptide can be used to study the effect of macrophage polarization and how this polarization change affects tumor growth and metastasis<sup>[1]</sup>.

### REFERENCES

[1]. Xiao H, et al. M2-like tumor-associated macrophage-targeted codelivery of STAT6 inhibitor and IKK $\beta$  siRNA induces M2-to-M1 repolarization for cancer immunotherapy with low immune side effects[J]. ACS central science, 2020, 6(7): 1208-1222.

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

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