



# SZABO SCANDIC

Part of Europa Biosite

## 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

### SZABO-SCANDIC HandelsgmbH

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## MPSD

Cat. No.:	HY-P10471
CAS No.:	134248-85-4
Molecular Formula:	C <sub>147</sub> H <sub>243</sub> N <sub>41</sub> O <sub>31</sub>
Molecular Weight:	3080.76
Sequence:	Lys-Lys-Lys-Lys-Lys-Arg-Phe-Ser-Phe-Lys-Lys-Ser-Phe-Lys-Leu-Ser-Gly-Phe-Ser-Phe-Lys-Lys-Asn-Lys-Lys
Sequence Shortening:	KKKKKRFSFKKSFKLSGFSFKKNKK
Target:	PKC; MARCKS
Pathway:	Epigenetics; TGF-beta/Smad; Cytoskeleton
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

## BIOLOGICAL ACTIVITY

### Description

MPSD (MARCKS-ED) is a 25-amino acid peptide based on the effector domain sequence of the intracellular membrane protein myristoylated alanine-rich C-kinase substrate (MARCKS). MPSD can sense membrane curvature and recognize phosphatidylserine. MPSD can be utilized as biological probe to study membrane shape and lipid composition<sup>[1]</sup>.

## REFERENCES

[1]. Morton LA, et al., MARCKS-ED peptide as a curvature and lipid sensor. ACS Chem Biol. 2013 Jan 18;8(1):218-25.

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

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