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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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MPSD TFA

Cat. No.:	HY-P10471A
Molecular Formula:	C ₁₄₇ H ₂₄₃ N ₄₁ O ₃₁ .xC ₂ HF ₃ O ₂
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 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 (TFA salt)
Sequence Shortening:	KKKKKRFSFKKSFKLSGFSFKKNKK
Target:	PKC; MARCKS
Pathway:	Epigenetics; TGF-beta/Smad; Cytoskeleton
Storage:	Sealed storage, away from moisture Powder -80°C 2 years -20°C 1 year * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

SOLVENT & SOLUBILITY

In Vitro	H ₂ O : ≥ 50 mg/mL * "≥" means soluble, but saturation unknown.
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BIOLOGICAL ACTIVITY

Description	MPSD TFA (MARCKS-ED TFA) is the TFA salt form of MPSD (HY-P10471). MPSD TFA 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 TFA can sense membrane curvature and recognize phosphatidylserine. MPSD TFA can be utilized as biological probe to study membrane shape and lipid composition ^[1] .
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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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