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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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PKC δ substrate

Cat. No.:	HY-P10421
CAS No.:	915155-20-3
Molecular Formula:	C ₆₉ H ₁₀₈ N ₂₄ O ₁₆
Molecular Weight:	1529.75
Sequence:	Ala-Arg-Arg-Lys-Arg-Lys-Gly-Ser-Phe-Phe-Tyr-Gly-Gly
Sequence Shortening:	ARRKRKGSFFYGG
Target:	ERK
Pathway:	MAPK/ERK Pathway; Stem Cell/Wnt
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

PKC δ substrate acts as a nuclear transporter of ERK2 and is involved in ERK2 mediated gene activation. PKC δ is involved in the regulation of cell growth, proliferation, cell cycle arrest, and apoptosis by phosphorylating hBVR and other proteins. PKC δ substrate can be used to study the development of diseases, especially cancer biology^[1].

REFERENCES

[1]. Gibbs P E M, et al. Formation of ternary complex of human biliverdin reductase-protein kinase C δ -ERK2 protein is essential for ERK2-mediated activation of Elk1 protein, nuclear factor- κ B, and inducible nitric-oxidase synthase (iNOS)[J]. Journal of Biological Chemistry, 2012, 287(2): 1066-1079.

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

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