



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

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NBD-2

Cat. No.:	HY-P10469
Molecular Formula:	C ₇₃ H ₈₆ F ₈ N ₁₄ O ₁₇ S ₂
Molecular Weight:	1647.66
Sequence:	Thr-Ala-Leu-Cys-Trp-Cys-Trp-Leu-Gln-Thr-Glu (Cyclo(Cys4-2(4F-Ph)-Cys6)
Sequence Shortening:	TALCWCWLQTE (Cyclo(Cys4-2(4F-Ph)-Cys6)
Target:	NF-κB
Pathway:	NF-κB
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

NBD-2 is an inhibitor of the NEMO-IKKα/β interaction in the NF-κB signaling pathway. NBD-2 specifically inhibits the typical NF-κB signaling pathway in vitro and in vivo, reducing the inflammatory response in lipopolysaccharide (LPS) induced acute lung injury (ALI). NBD-2 exhibits significant anti-inflammatory activity. NBD-2 can be used to study diseases related to NF-κB signaling pathway, including autoimmune diseases, cancer, etc^[1].

REFERENCES

[1]. Li S, et al. Development of a Decafluorobiphenyl Cyclized Peptide Targeting the NEMO-IKKα/β Interaction that Enhances Cell Penetration and Attenuates Lipopolysaccharide-Induced Acute Lung Injury[J]. Bioconjugate Chemistry, 2024.

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

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