



# 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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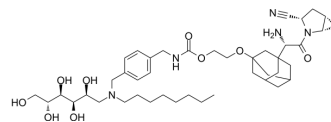
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## NZ-97

Cat. No.:	HY-158315
Molecular Formula:	C <sub>43</sub> H <sub>67</sub> N <sub>5</sub> O <sub>9</sub>
Molecular Weight:	798.02
Target:	Dipeptidyl Peptidase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

Description	NZ-97 is an inhibitor for dipeptidyl peptidase 4 (DPP4) with an IC <sub>50</sub> of 18 nM. NZ-97 exhibits a low initial plasma exposure with C <sub>max</sub> of 0.13 μM, which is eliminated in 8 h. NZ-97 ameliorates damage in the Lipopolysaccharides (HY-D1056)-induced lung injury and Bleomycin (HY-108345)-induced lung fibrosis in mice model <sup>[1]</sup> .		
IC <sub>50</sub> & Target	DPP-4 18 nM (IC <sub>50</sub> )	DPP-9 561 nM (IC <sub>50</sub> )	DPP-8 1258 nM (IC <sub>50</sub> )

## REFERENCES

[1]. Shao S, et al., Pharmacological expansion of type 2 alveolar epithelial cells promotes regenerative lower airway repair. Proc Natl Acad Sci U S A. 2024 Apr 16;121(16):e2400077121.

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

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