



# 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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## Noraramtide

Cat. No.:	HY-P10563
CAS No.:	2580150-96-3
Molecular Formula:	C <sub>210</sub> H <sub>300</sub> N <sub>48</sub> O <sub>65</sub> S <sub>3</sub>
Molecular Weight:	4633.11
Sequence:	Ala-Arg-[2-aminoheptanoic acid]-Tyr-His-Asp-Gly-Val-Leu-{Phe(4-phenyl)}-[2-aminoheptanoic acid]-[d-Cys(s-carboxymethyl)]-{XGly}-{γGlu}-{γGlu}-[d-γGlu]-{γGlu}-{γGlu}-Gly-Gly-Asp-Cys-Ala-Trp-His-Leu-Gly-Glu-Leu-Val-Trp-Cys-Thr (Sulfidebridge:Ala1-Cys13, Disulfidebridge:Cys24-Cys34) X= NH <sub>2</sub> -PEG6-((6S)-1,4,5,5a,6,6a,7,8-octahydrocyclopropa[5,6]cycloocta[1,2-d][1,2,3]triazol-6-yl)methyl hydrogen carbonate-piperidine-4-carboxylic acid
Sequence Shortening:	AR-[2-aminoheptanoic acid]-YHDGVL-{Phe(4-phenyl)}-[2-aminoheptanoic acid]-[d-Cys(s-carboxymethyl)]-{XGly}-{γGlu}-{γGlu}-[d-γGlu]-{γGlu}-{γGlu}-GGDCAWHLGELVWCT (Sulfidebridge:Ala1-Cys13, Disulfidebridge:Cys24-Cys34) X= NH <sub>2</sub> -PEG6-((6S)-1,4,5,5a,6,6a,7,8-octahydrocyclopropa[5,6]cycloocta[1,2-d][1,2,3]triazol-6-yl)methyl hydrogen carbonate-piperidine-4-carboxylic acid
Target:	CD38
Pathway:	Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

#### Description

Noraramtide (BHV-1100) is an antibody recruitment molecule. Noraramtide can specifically bind to CD38 molecules to recruit natural killer (NK) cells. Noraramtide enhances the ability of NK cells to kill tumor cells through antibody-dependent cellular cytotoxicity (ADCC). This mechanism allows NK cells to more effectively recognize and eliminate tumor cells while avoiding mutual killing between NK cells. Noraramtide can be used for the study of autologous cancer immunity<sup>[1]</sup>.

### REFERENCES

[1]. Birch G C, et al. Expansion, persistence, and characteristics of autologous, Bhv-1100 armored memory-like NK cells infused prior to autologous stem cell transplant in MRD+ multiple myeloma patients: a first-in-human trial[J]. Blood, 2023, 142: 2105.

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

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