



# 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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## Nisotirostide

<b>Cat. No.:</b>	HY-P10026
<b>CAS No.:</b>	2663844-45-7
<b>Molecular Formula:</b>	C <sub>230</sub> H <sub>343</sub> N <sub>59</sub> O <sub>65</sub>
<b>Molecular Weight:</b>	4974.53
<b>Sequence:</b>	Chain1:Pro-Lys-Pro-Glu-Lys-Pro-Gly-Glu-Asp-Ala-Ser-Pro-Glu-Glu-Trp-Gln-Arg-Tyr-Tyr-Ala-Glu-Leu-Arg-His-Tyr-Leu-Asn-Trp-Leu-Thr-Arg-Gln-Arg-Tyr-NH <sub>2</sub> ; Chain2:Ggu-Ggu-Oaa (Amide bridge:Chain1 Lys5-Chain2 Oaa3)
<b>Sequence Shortening:</b>	Chain1:PKPEKPGEDASPEEWQRYAELRHYLNWLTRQRY-NH <sub>2</sub> ; Chain2:Ggu-Ggu-Oaa (Amide bridge:Chain1 Lys5-Chain2 Oaa3)
<b>Target:</b>	Others
<b>Pathway:</b>	Others
<b>Storage:</b>	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)

Chain1:PKPEKPGEDASPEEWQRYAELRHYLNWLTRQRY-NH<sub>2</sub>  
Chain2:Ggu-Ggu-Oaa (Amide bridge:Chain1 Lys5-Chain2 Oaa3)

### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 125 mg/mL (25.13 mM; Need ultrasonic)

	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	0.2010 mL	1.0051 mL	2.0102 mL
	5 mM	0.0402 mL	0.2010 mL	0.4020 mL
	10 mM	0.0201 mL	0.1005 mL	0.2010 mL

Please refer to the solubility information to select the appropriate solvent.

### BIOLOGICAL ACTIVITY

#### Description

Nisotirostide (LY-3457263) is a PYY analog agonist studied in type 2 diabetes and obesity<sup>[1]</sup>.

### REFERENCES

[1]. Kloock S, et al. Obesity and its comorbidities, current treatment options and future perspectives: Challenging bariatric surgery? Pharmacol Ther. 2023 Nov;251:108549.

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

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