



# 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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## GPS1573

Cat. No.:	HY-P10571
CAS No.:	2445822-54-6
Molecular Formula:	C <sub>86</sub> H <sub>138</sub> N <sub>28</sub> O <sub>14</sub>
Molecular Weight:	1788.2
Sequence:	{Nle}-Pro-{d-Phe}-Arg-{d-Trp}-Phe-Lys-Ala-Val-Gly-Lys-Lys-Arg-Arg-NH <sub>2</sub>
Sequence Shortening:	{Nle}-P-{d-Phe}-R-{d-Trp}-FKAVGKKRR-NH <sub>2</sub>
Target:	Melanocortin Receptor
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

#### Description

GPS1573 is a noncompetitive antagonist of melanocortin type 2 receptor (MC2R) that dose-dependently antagonizes ACTH-stimulated MC2R activity (IC<sub>50</sub>=66 nM). GPS1573 can be used in the study of Cushing's disease due to its highly selective antagonism of MC2R<sup>[1]</sup>.

### REFERENCES

[1]. Bouw E, et al. Development of potent selective competitive-antagonists of the melanocortin type 2 receptor[J]. Molecular and Cellular Endocrinology, 2014, 394(1-2): 99-104.

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

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