



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

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

GLP-1R/GIPR agonist-1 (soduim)

Cat. No.:	HY-P10302A	
Molecular Formula:	C ₂₂₀ H ₃₃₄ N ₅₅ O ₆₉ .xNa	
Sequence:	His-{Aib}-Gln-Gly-Thr-Phe-Thr-Ser-Asp-Tyr-Ser-Lys-{Aib}-Leu-Asp-Lys-Arg-Ala-Ala-Lys(AEEA-AEEA-gammaGlu-C18 diacid)-Asp-Phe-Val-Glu-Trp-Leu-Lys-Asn-Gly-Gly-Pro-Ser-Ser-Gly-Ala-Pro-Pro-Ser-NH ₂	His-{Aib}-Gln-Gly-Thr-Phe-Thr-Ser-Asp-Tyr-Ser-Lys-{Aib}-Leu-Asp-Lys-Arg-Ala-Lys(AEEA-AEEA-gammaGlu-C18 diacid)-Asp-Phe-Val-Glu-Trp-Leu-Lys-Asn-Gly-Gly-Pro-Ser-Ser-Gly-Ala-Pro-Pro-Ser-NH ₂ (Sodium salt)
Sequence Shortening:	H-{Aib}-QGTFTSDYSK-{Aib}-LDKRAA-K(AEEA-AEEA-gammaGlu-C18 diacid)-DFVEWLKN GGPSSGAPPPS-NH ₂	
Target:	GLP Receptor	
Pathway:	GPCR/G Protein	
Storage:	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)	

BIOLOGICAL ACTIVITY

Description	GLP-1R/GIPR agonist-1 soduim is the sodium salt form of GLP-1R/GIPR agonist-1 (HY-P10302). GLP-1R/GIPR agonist-1 soduim is a dual agonist for glucagon-like peptide-1 receptor (GLP-1R, EC ₅₀ is 0.57 nM) and glucose-dependent insulin releasing peptide receptor (GIPR, EC ₅₀ is 0.75 nM). GLP-1R/GIPR agonist-1 soduim lowers blood sugar by mimicking the action of endogenous hormones GLP-1 and GIP, enhancing insulin secretion while inhibiting glucagon secretion. GLP-1R/GIPR agonist-1 soduim can be used in the study of metabolic diseases such as diabetes, obesity, and non-alcoholic steatohepatitis (NASH) ^[1] .
IC₅₀ & Target	EC ₅₀ : 0.57 nM (GLP-1R), 0.75 nM (GIPR)

REFERENCES

[1]. Liu C, et al. Discovery of a novel GLP-1/GIP dual receptor agonist CY-5 as long-acting hypoglycemic, anti-obesity agent[J]. Bioorganic Chemistry, 2021, 106: 104492.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA