



# 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](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

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

GIP, human

## Chemical Properties

CAS No. :	100040-31-1
Formula:	C226H338N60O66S
Molecular Weight:	4983.6
Appearance:	no data available
Storage:	keep away from moisture Powder: -20°C for 3 years   In solvent: -80°C for 1 year



## Biological Description

Description	Potent insulinotropic hormone synthesized by duodenal K-cells. High affinity GIP receptor agonist (EC50 = 0.81 nM) that inhibits gastric acid secretion and stimulates pancreatic insulin release in response to glucose. Also affects lipid metabolism and displays mitogenic and antiapoptotic effects in pancreatic $\beta$ -cells.
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## Solubility Information

Solubility	H2O: 1 mg/mL, ( $< 1$ mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2007 mL	1.0033 mL	2.0066 mL
5 mM	0.0401 mL	0.2007 mL	0.4013 mL
10 mM	0.0201 mL	0.1003 mL	0.2007 mL
50 mM	0.004 mL	0.0201 mL	0.0401 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

## Reference

Wheeler et al (1995) Functional expression of the rat pancreatic islet glucose-dependent Insotropic polypeptide receptor: ligand binding and intracellular signaling properties. *Endocrinol.* 136 4629

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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Tel:781-999-4286 E\_mail:info@targetmol.com Address:36 Washington Street,Wellesley Hills,MA 02481