



# SZABO SCANDIC

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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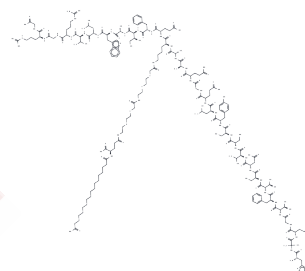
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## Semaglutide

## Chemical Properties

CAS No. :	910463-68-2
Formula:	C187H291N45O59
Molecular Weight:	4114
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	Semaglutide is a glucagon-like peptide 1 receptor (GLP-1R) agonist (EC50 of 6.2 pM in a reporter assay using BHK cells expressing the human receptor).
Targets(IC50)	Glucagon Receptor

## Solubility Information

Solubility	H2O: 4.44 mg/mL (1.08 mM) ,Sonication is recommended. 0.1 M HCl: 1.25 mg/mL (303.84 μM),Sonication and heating are recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2431 mL	1.2154 mL	2.4307 mL
5 mM	0.0486 mL	0.2431 mL	0.4861 mL
10 mM	0.0243 mL	0.1215 mL	0.2431 mL
50 mM	0.0049 mL	0.0243 mL	0.0486 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

Dhillon S, et al. Semaglutide: First Global Approval. *Drugs*. 2018 Feb;78(2):275-284.

Wang B, Zhu X, Yu S, et al. Roflumilast ameliorates GAN diet-induced non-alcoholic fatty liver disease by reducing

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