



碧云天生物技术/Beyotime Biotechnology
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Semaglutide Intermediate P29 (司美格鲁肽中间体P29)

产品编号	产品名称	包装
P9087-5mg	Semaglutide Intermediate P29 (司美格鲁肽中间体P29)	5mg
P9087-25mg	Semaglutide Intermediate P29 (司美格鲁肽中间体P29)	25mg
P9087-100mg	Semaglutide Intermediate P29 (司美格鲁肽中间体P29)	100mg

产品简介:

CAS Number	Chemical Formula	Molecular Weight	Purity	Grade
1169630-82-3	C ₁₄₂ H ₂₁₆ N ₃₈ O ₄₅	~3175.5	≥97.0%	Reagent grade

➤ 基本信息(General Information):

Name (Chinese)	司美格鲁肽中间体P29
Name (English)	Semaglutide Intermediate P29
Specifications	Reagent grade
Chemical Formula	C ₁₄₂ H ₂₁₆ N ₃₈ O ₄₅
Synonym (Chinese)	索马鲁肽中间体; 司美格鲁肽中间体; 索马鲁肽主链, 司美格鲁肽主链; 索马鲁肽杂质23; 索马鲁肽杂质20; 索马鲁肽-29肽主链; 索马鲁肽中间体P29; 司美格鲁肽29肽前体; 司美格鲁肽29肽主链; 索马鲁肽中间体29肽
Synonym (English)	Semaglutide Main Chain P29; Semaglutide Precursor P29; Semaglutide, intermediate IP-29; Semaglutide Main Chain (9-37); Semaglutide propeptide
Sequence (Three-Letter Code)	Glu-Gly-Thr-Phe-Thr-Ser-Asp-Val-Ser-Ser-Tyr-Leu-Glu-Gly-Gln-Ala-Ala-Lys-Glu-Phe-Ile-Ala-Trp-Leu-Val-Arg-Gly-Arg-Gly
Sequence (One-Letter Code)	EGTFTSDVSSYLEGQAAKEFIAWLVRGRG
Source	<i>E. coli</i>
Reconstitution	Semaglutide Intermediate P29 has very little solubility in water, so it is recommended to suspend it in water first, and add weak alkali dropwise to adjust the pH to 7~9 under stirring (Sodium carbonate is recommended), or refer to the relevant literatures.

➤ 产品描述(Description):

Application	Semaglutide Intermediate P29 is a peptide starting material in the synthesis of Semaglutide. Semaglutide Intermediate P29 shares 97% sequence homology with human GLP-1(9-37).
General description	Semaglutide Intermediate P29 is an important raw material for the synthesis of GLP-1 receptor agonists such as semaglutide. These drugs have significant effects in the treatment of type 2 diabetes and obesity. Simeglutide can selectively bind and activate GLP-1 receptors, stimulate insulin secretion, inhibit glucose production, and increase GLP-1 levels, effectively controlling blood glucose levels and promoting weight loss [1-2].

➤ 性质(Properties):

Form	Powder
Source	Animal origin-free

➤ 安全信息(Safety Information):

Hazard Pictogram Codes	-
Signal Word	-
Hazard Statements	-

Precautionary Statements	-
Personal Protective Equipment	-
Hazard Codes (Europe)	-
Risk Codes (Europe)	-
Safety Codes (Europe)	-
RIDADR	-
WGK Germany	-
RTECS	-
Flash Point (F)	-
Flash Point (C)	-

包装清单：

产品编号	产品名称	包装
P9087-5mg	Semaglutide Intermediate P29	5mg
P9087-25mg	Semaglutide Intermediate P29	25mg
P9087-100mg	Semaglutide Intermediate P29	100mg
—	说明书	1份

保存条件：

-20°C避光保存，一年有效。

注意事项：

- 本产品仅限于专业人员的科学研究用，不得用于临床诊断或治疗，不得用于食品或药品，不得存放于普通住宅内。
- 为了您的安全和健康，请穿实验服并戴一次性手套操作。

参考文献：

1. Dhillon S. Semaglutide: First Global Approval. *Drugs*. 2018. 78(2):275-284.
2. Marso SP, Bain SC, Consoli A, Eliaschewitz FG, et al. *N Engl J Med*. 2016. 375(19):1834-1844.

相关产品：

产品编号	产品名称	包装
P9085	Semaglutide (司美格鲁肽, BioReagent)	5/25/100mg
P9087	Semaglutide Intermediate P29 (司美格鲁肽中间体P29)	5/25/100mg
P9089	Tirzepatide (替尔泊肽, BioReagent)	5/25/100mg

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