Exendin-4

GLP-1 receptor agonist

Exendin-4 is a 39 aa polypeptide and incretin mimetic which was first isolated from Gila monster saliva. The synthetic form, Exenatide, is a glucagon like peptide-1 (GLP-1) agonist approved for the treatment of diabetes mellitus type II. Research shows Exendin-4 is involved in glucose-dependent enhancement of insulin secretion, reduction of hyperglycemia, glucose-dependent suppression of inappropriately high glucagon secretion, slowing of gastric emptying, and reduction of food intake, often with body weight reduction or blunting of weight gain.

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ENZ-PRT111-0001	1mg
ENZ-PRT111-0500	500µg

Manuals, SDS & CofA View Online »

Handling & Storage

Long Term Storage -20°C

Shipping Ambient Temperature

Regulatory Status RUO - Research Use Only

Product Details

Alternative Name	Exenatide
Appearance	White to off-white solid.
CAS	141758-74-9
Formulation	Lyophilized.
MW	4186.57
Purity	≥98% (HPLC)
Sequence	His-Gly-Glu-Gly-Thr-Phe-T□hr-Ser-Asp-Leu-Ser-Lys-Gl□n-Met-Glu-Glu-Glu-Ala-Val□-Arg-Leu-Phe-Ile-Glu-Trp-□Leu-Lys-Asn-Gly-Gly-Pro-Ser-Ser-Gly-Ala-Pro-Pro-Pr□o-Ser-NH2
Solubility	Soluble in water or DMSO.
Source	Synthetic.

Last modified: May 29, 2024

ENZO LIFE SCIENCES, INC.
Phone: 800.942.0430
info-usa@enzolifesciences.com

European Sales Office
ENZO LIFE SCIENCES (ELS) AG
Phone: +41 61 926 8989
info-eu@enzolifesciences.com

Belgium, The Netherlands & Luxembourg
Phone: +32 3 466 0420
info-be@enzolifesciences.com

France
Phone: +33 472 440 655
info-fr@enzolifesciences.com

Germany
Phone: +49 7621 5500 526
info-de@enzolifesciences.com

UK & Ireland
Phone (UK customers): 0845 601 1488
Phone: +44 1392 825900
info-uk@enzolifesciences.com

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