

Exendin-4 Peptide

Subcategory: Synthetic Peptide

Cat. No.: 350171

Unit: 1 mg

Description:

Exendins are secreted by lizard venom gland. They have a VIP/secretin-like biological activity when binding to the exendin receptor. Exendin-4 (named Byetta, Amylin/Eli Lilly) is used for the treatment of type 2 diabetes by enhancing insulin secretion.

Format: Each vial contains 1 mg of lyophilized solid packaged under an inert gas and supplied as a trifluoroacetate salt.

Alternate Names: Exendin-4; exenatide

Accession No.: P26349

MW: 4186.03 g/mol

Sequence: H-His-Gly-Glu-Gly-Thr-Phe-Thr-Ser-Asp-Leu-Ser-Lys-Gln-Met-Glu-Glu-Glu-Ala-Val-Arg-Leu-Phe-Ile-Glu-Trp-Leu-Lys-Asn-Gly-Gly-Pro-Ser-Ser-Gly-Ala-Pro-Pro-Pro-Ser-NH₂ or H-

HGEGTFTSDLSKQMEEEAVRLFIEWLKNGGPSSGAPPPS-NH₂

Composition: C₁₈₄H₂₈₂N₅₀O₆₀S₁

Purity: Purity > 95% by HPLC

Solubility: Distilled water for a solution up to 2 mg/ml, otherwise we recommend using acetonitrile.

Storage: Store at -20°C. The product is hygroscopic and must be protected from light. Product is guaranteed one year from the date of shipment. Following reconstitution, aliquot and store at -20°C.

Product Citations: Vassiliev I. et al. Stem Cell Biol Res. 2014. 1:2. ISSN 2054-717X.

For research use only, not for diagnostic or therapeutic procedures.