Pramlintide Synthetic Protein

PRODUCT OVERVIEW

Product Name	Pramlintide, Synthetic Protein
Full Product Name	Pramlintide
Product Synonym Names	Pramlintide; Pramlintide; Pramlintide
Sequence	KCNTATCATN RLANFLVHSS NNFGPILPPT NVGSNTY-NH 2
Form/Format	The protein was lyophilized with no additives.
Purity/Purification	Greater than 98.0% as determined by (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.
Preparation and Storage	Lyophilized Pramlintide although stable at room temperature for 3 weeks, should be stored desiccated below -18 degree C. Upon reconstitution Pramlintide should be stored at 4 degree C between 2-7 days and for future use below -18 degree C.For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Please prevent freeze-thaw cycles.
Appearance	Sterile Filtered White lyophilized (freeze-dried) powder.
Solubility	It is recommended to reconstitute the lyophilized Pramlintide in sterile 18M Omega -cm H_2O not less than 100 ug/ml, which can then be further diluted to other aqueous solutions. The Pramlintide is also soluble in 1% Acetic Acid.
Product Categories/Family for Pramlintide synthetic protein	Hormones; Hormones; Peptide Hormones
Related Product Information for Pramlintide synthetic protein	**Description:** Pramlintide Synthetic is a single, non-glycosylated polypeptide chain containing 37 amino acids, having a molecular mass of 3949.4 Dalton and a Molecular formula of $C_{171}H_{267}N_{51}O_{53}S_2$. **Introduction:** Pramlintide acetate is a hormone that is released into the bloodstream, in a similar pattern as insulin. Pramlintide aids in the absorption of glucose by slowing gastric emptying, promoting satiety, and inhibiting inappropriate secretion of glucagon, a catabolic hormone that opposes the effects of insulin.
Other Notes	Small volumes of Pramlintide synthetic protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for Pramlintide purchase	MBS143226 is a synthetic protein targeting Pramlintide.

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Online datasheet: https://www.mybiosource.com/synthetic-protein/pramlintide/143226