
Product Data Sheet

Product Name: Pramlintide

Cat. No.: GP21286

Batch No.: 1

Product Data

Purity	>98%	Source	
Physical Appearance	solid	Shipping Condition	Shipped at Room temp.
Amino Acid Sequence	KCNTATCATNRLANFLVHSSNFGPILPPTNVGSNTY-NH ₂ .		
Solubility	It is recommended to reconstitute the lyophilized Pramlintide in sterile 18MΩ-cm H ₂ O not less than 100 µg/ml, which can then be further diluted to other aqueous solutions. The Pramlintide is also soluble in 1% Acetic Acid.		
Formulation	The protein was lyophilized with no additives.		

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.

Stability

Lyophilized Pramlintide although stable at room temperature for 3 weeks, should be stored desiccated below -18°C . Upon reconstitution Pramlintide should be stored at 4°C between 2-7 days and for future use below -18°C .For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Please prevent freeze-thaw cycles.

Background

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 C₁₇₁H₂₆₇N₅₁O₅₃S₂.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA