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Pramlintide Acetate

National Cancer Institute

Source

National Cancer Institute. *Pramlintide Acetate*. NCI Thesaurus. Code C61902.

The acetate salt form of pramlintide, a peptide analogue of human amylin with 3 proline substitutions at position 25, 28 and 29, with antihyperglycemic activity. By mimicking amylin, pramlintide slows gastric emptying, inhibits digestive secretions (gastric acid, pancreatic enzymes, and bile), reduces glucagon secretion, and increases satiety; all of these actions are mediated mostly by glucose-sensitive areas in the brain stem. The overall result is a decrease in blood glucose levels. The use of pramlintide may cause an increased risk of insulin-induced hypoglycemia.