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Liraglutide

National Cancer Institute

Source

National Cancer Institute. *Liraglutide*. NCI Thesaurus. Code C82239.

A long-acting, fatty acylated glucagon-like peptide-1 (GLP-1) analog administered subcutaneously, with antihyperglycemic activity. Liraglutide's prolonged action and half-life of 11-15 hours are attributed to the attachment of the fatty acid palmitic acid to GLP-1 that reversibly binds to albumin. Albumin binding protects liraglutide from immediate degradation and elimination and causes GLP-1 to be released from albumin in a slow and consistent manner. This agent may cause thyroid C-cell tumors and increases the risk of acute pancreatitis.