

Product Data Sheet

Product Name: Albiglutide TFA

Cat. No.: GC60042

Chemical Properties

Cas. No.

Formula C₁₅₀H₂₂₅F₃N₄₀O₄₇

M.Wt 3397.63

Solubility

Storage

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT, or blue ice upon request.

Structure

HGEGTFTSDVSSYLEGQAAKEFIAWLVKGR-NH₂ (TFA salt)

Background

Albiglutide TFA, a glucagon-like peptide (GLP)-1 mimetic, is a long acting GLP-1 receptor agonist for the treatment of type 2 diabetes mellitus (T2DM). Albiglutide TFA is generated by the genetic fusion of a DPP-4-resistant GLP-1 dimer to human albumin[1][2].

[1]. Matthews JE, et al. Pharmacodynamics, pharmacokinetics, safety, and tolerability of albiglutide, a long-acting glucagon-like peptide-1 mimetic, in patients with type 2 diabetes. J Clin Endocrinol Metab. 2008 Dec;93(12):4810-7. [2]. Blair HA, et al. Albiglutide: a review of its use in patients with type 2 diabetes mellitus. Drugs. 2015 Apr;75(6):651-63.

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

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