

## Albiglutide TFA (782500-75-8 free base)

## Chemical Properties

CAS No. :

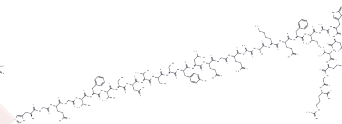
Formula: C150H225F3N40O47

Molecular Weight: 3397.63

Keep away from moisture

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



## Biological Description

Description	Albiglutide TFA (782500-75-8 free base) (Albiglutide TFA) is a long acting GLP-1 receptor agonist for the treatment of type 2 diabetes mellitus (T2DM).
Targets(IC50)	Glucagon Receptor

## Solubility Information

Solubility	DMSO: 10 mM, Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2943 mL	1.4716 mL	2.9432 mL
5 mM	0.0589 mL	0.2943 mL	0.5886 mL
10 mM	0.0294 mL	0.1472 mL	0.2943 mL
50 mM	0.0059 mL	0.0294 mL	0.0589 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

## Reference

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.

Rhea E M, Babin A, Thomas P, et al. Brain uptake pharmacokinetics of albiglutide, dulaglutide, tirzepatide, and DA5-CH in the search for new treatments of Alzheimer's and Parkinson's diseases. Tissue Barriers. 2023; 2292461.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481