

Tirzepatide hydrochloride

Chemical Properties

CAS No. :

Formula: C225H349N48O68Cl

Molecular Weight: 4849.91

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	Tirzepatide hydrochloride (LY3298176 hydrochloride) is a dual receptor agonist for glucose-dependent insulinotropic polypeptide (GIP) and glucagon-like peptide-1 (GLP-1).
Targets(IC50)	Glucagon Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2062 mL	1.0309 mL	2.0619 mL
5 mM	0.0412 mL	0.2062 mL	0.4124 mL
10 mM	0.0206 mL	0.1031 mL	0.2062 mL
50 mM	0.0041 mL	0.0206 mL	0.0412 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

Frias JP, et al. Efficacy and safety of LY3298176, a novel dual GIP and GLP-1 receptor agonist, in patients with type 2 diabetes: a randomised, placebo-controlled and active comparator-controlled phase 2 trial. Lancet. 2018 Nov 17;392(10160):2180-2193.

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