

LY3104607

Chemical Properties

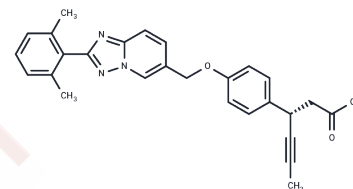
CAS No. : 1795232-22-2

Formula: C₂₇H₂₅N₃O₃

Molecular Weight: 439.51

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	LY3104607 is a G Protein-Coupled Receptor 40 agonist. It is active in oral treatment for patients with type 2 diabetes mellitus and is a glucose-lowering drug candidate.
Targets(IC50)	Others, GPCR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2753 mL	11.3763 mL	22.7526 mL
5 mM	0.4551 mL	2.2753 mL	4.5505 mL
10 mM	0.2275 mL	1.1376 mL	2.2753 mL
50 mM	0.0455 mL	0.2275 mL	0.4551 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

Hamdouchi C, Maiti P, Warshawsky AM, et al. Discovery of LY3104607: A Potent and Selective G Protein-Coupled Receptor 40 (GPR40) Agonist with Optimized Pharmacokinetic Properties to Support Once Daily Oral Treatment in Patients with Type 2 Diabetes Mellitus. J Med Chem. 2018 Feb 8;61(3):934-945. doi: 10.1021/acs.jmedchem.7b01411. Epub 2018 Jan 5. PubMed PMID: 29236497.

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