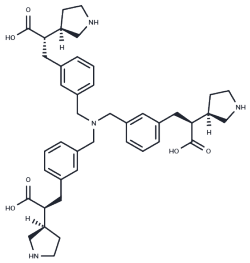
Data Sheet (Cat.No.T77695)

TargetMol

Muvalaplin

Chemical Properties



CAS No. : 2565656-70-2

Formula: C42H54N4O6

Molecular Weight: 710.9

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	Muvalaplin (LY3473329) is an orally active lipoprotein (a) [Lp(a)] reagent that inhibits Lp (a) formation by blocking apo(a)-apo B100 interactions.
Targets(IC50)	Others,LDLR

Solubility Information

Solubility	DMSO: 10 mg/mL (14.07 mM),when pH is adjusted to 6. Sonication is recommended. H2O: <0.1 mg/mL (< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4067 mL	7.0333 mL	14.0667 mL
5 mM	0.2813 mL	1.4067 mL	2.8133 mL
10 mM	0.1407 mL	0.7033 mL	1.4067 mL
50 mM	0.0281 mL	0.1407 mL	0.2813 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

Bhatia HS, et al. Lipoprotein(a): Evidence for Role as a Causal Risk Factor in Cardiovascular Disease and Emerging Therapies. J Clin Med. 2022 Oct 13;11(20):6040.

Nicholls SJ, et al. Muvalaplin, an Oral Small Molecule Inhibitor of Lipoprotein(a) Formation: A Randomized Clinical Trial. JAMA. 2023 Sep 19;330(11):1042-1053.

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