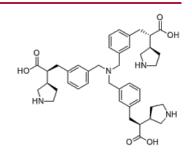


## **Data Sheet**

WWW.PROBECHEM.COM

Global Supplier of Chemical Probes, Inhibitors & Agonists.

Product Name	: LY3473329	
Cat. No.	: PC-20057	
CAS No.	: 2565656-70-2	
Molecular Formula	: C <sub>42</sub> H <sub>54</sub> N <sub>4</sub> O <sub>6</sub>	
Molecular Weight	: 710.90	
Target	: Other Targets	
Solubility	: 10 mM in DMSO	
1. Diaz N, et al. <b>Nature</b> . 2024 May 8. doi: 10.1038/s41586-024-07387-z.		



## **Biological Activity**

LY3473329 (Muvalaplin) is a potent, specific, multivalent, orally active disruptor/ inhibitor of **lipoprotein(a)** (Lp(a)) formation, binds to Kringle IV (KIV)8 domain selectively with a potency of 22 nM and inhibits the formation of Lp(a) particles in vitro with IC50 value of 0.09 nM.

LY3473329 (Muvalaplin) reduced the levels of Lp(a) with an absolute ED50 of 3 mg kg-1, with a maximum Lp(a) reduction of 92% after five days of BID oral dosing in Lp(a) transgenic mouse model.

LY3473329 (Muvalaplin) is a potent and specific orally administered agent for reducing the levels of Lp(a).

References