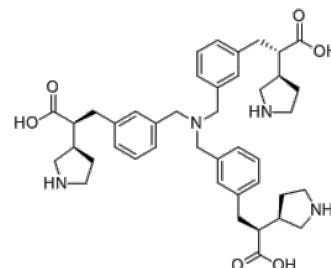


Product Name : LY3473329
Cat. No. : PC-20057
CAS No. : 2565656-70-2
Molecular Formula : C₄₂H₅₄N₄O₆
Molecular Weight : 710.90
Target : Other Targets
Solubility : 10 mM in DMSO

1. Diaz N, et al. *Nature*. 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

