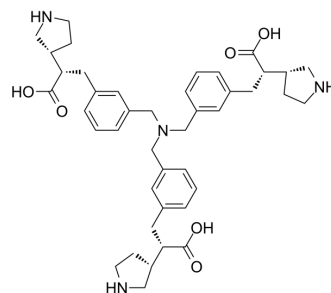


Muvalaplin

Cat. No.:	HY-152857		
CAS No.:	2565656-70-2		
Molecular Formula:	C ₄₂ H ₅₄ N ₄ O ₆		
Molecular Weight:	710.9		
Target:	Others		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 22.73 mg/mL (31.97 mM; ultrasonic and adjust pH to 3 with 1M HCl)
 H₂O : < 0.1 mg/mL (ultrasonic;warming;heat to 60°C) (insoluble)

Concentration	Mass		
	1 mg	5 mg	10 mg
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

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Muvalaplin (LY3473329) is an orally active reagent of lipoprotein (a) (Lp (a)). At present, research on Muvalaplin oral reagent is ongoing^[1].

IC₅₀ & Target

Lipoprotein(a) (Lp(a))^[1]

REFERENCES

[1]. 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.

Caution: Product has not been fully validated for medical applications. For research use only.

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