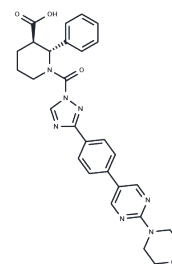


## LYPLAL1-IN-1

## Chemical Properties

CAS No. :	1966129-74-7
Formula:	C <sub>29</sub> H <sub>29</sub> N <sub>7</sub> O <sub>4</sub>
Molecular Weight:	539.59
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	LYPLAL1-IN-1 is a selective covalent small-molecule inhibitor of Lysophospholipase-like 1 (IC <sub>50</sub> : 0.006 μM). LYPLAL1-IN-1 also enhances glucose production.
Targets(IC <sub>50</sub> )	Others,GluR,Phospholipase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8533 mL	9.2663 mL	18.5326 mL
5 mM	0.3707 mL	1.8533 mL	3.7065 mL
10 mM	0.1853 mL	0.9266 mL	1.8533 mL
50 mM	0.0371 mL	0.1853 mL	0.3707 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

Ahn K, et al. Discovery of a Selective Covalent Inhibitor of Lysophospholipase-like 1 (LYPLAL1) as a Tool to Evaluate the Role of this Serine Hydrolase in Metabolism. ACS Chem Biol. 2016 Sep 16;11(9):2529-40.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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