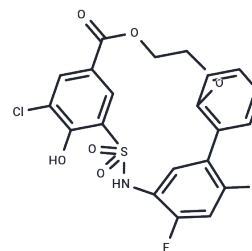


ACLY Inhibitor 7

Chemical Properties

CAS No. :	3009136-86-8
Formula:	C ₂₁ H ₁₄ ClF ₂ NO ₆ S
Molecular Weight:	481.85
Storage:	Keep away from moisture, Store at low temperature Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	ACLY Inhibitor 7 is a highly potent and selective small molecule inhibitor that exhibits exceptional inhibitory activity against human ATP citrate lyase (hACLY). ACLY Inhibitor 7 demonstrates an IC ₅₀ value of less than 1 nM as measured by the ADP-Glo assay, indicating its potential for metabolic disease and oncology research.
Targets(IC ₅₀)	ATP Citrate Lyase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0753 mL	10.3767 mL	20.7533 mL
5 mM	0.4151 mL	2.0753 mL	4.1507 mL
10 mM	0.2075 mL	1.0377 mL	2.0753 mL
50 mM	0.0415 mL	0.2075 mL	0.4151 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

Stephen Lawrence Pinkosky, et al. Preparation of macrocyclic compounds as ATP citrate lyase inhibitors. WO2023215220A1.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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