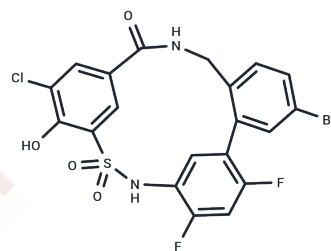


## ACLY-IN-1

## Chemical Properties

CAS No. :	2897695-26-8
Formula:	C <sub>20</sub> H <sub>12</sub> BrClF <sub>2</sub> N <sub>2</sub> O <sub>4</sub> S
Molecular Weight:	529.74
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	ACLY-IN-1 (compound 55) is a potent ACLY inhibitor with an IC <sub>50</sub> of 8.3 nM, and it can be utilized in hyperlipidemia research.
Targets(IC <sub>50</sub> )	ATP Citrate Lyase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8877 mL	9.4386 mL	18.8772 mL
5 mM	0.3775 mL	1.8877 mL	3.7754 mL
10 mM	0.1888 mL	0.9439 mL	1.8877 mL
50 mM	0.0378 mL	0.1888 mL	0.3775 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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