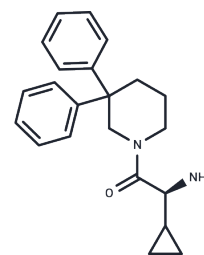


AD-8007

## Chemical Properties

CAS No. : 1497439-74-3  
 Formula: C<sub>22</sub>H<sub>26</sub>N<sub>2</sub>O  
 Molecular Weight: 334.45  
 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	AD-8007, an acetyl CoA synthase 2 (ACSS2) inhibitor, can cross the blood-brain barrier and significantly reduces lipid storage and cell colony formation in vitro models while increasing tumor cell death. With its anti-cancer activity, AD-8007 is useful in breast cancer research [1].
Targets(IC50)	Others,RSV

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.990 mL	14.9499 mL	29.8998 mL
5 mM	0.598 mL	2.990 mL	5.980 mL
10 mM	0.299 mL	1.495 mL	2.990 mL
50 mM	0.0598 mL	0.299 mL	0.598 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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