

AD-5584

Chemical Properties

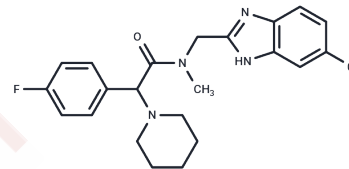
CAS No. : 2306525-79-9

Formula: C₂₂H₂₄ClFN₄O

Molecular Weight: 414.9

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-5584, an ACSS2 inhibitor with blood-brain permeability, significantly reduces lipid storage and colony formation while increasing cell death, demonstrating antitumor activity [1].
Targets(IC50)	Others,Acetyl-CoA Carboxylase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4102 mL	12.0511 mL	24.1022 mL
5 mM	0.482 mL	2.4102 mL	4.8204 mL
10 mM	0.241 mL	1.2051 mL	2.4102 mL
50 mM	0.0482 mL	0.241 mL	0.482 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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