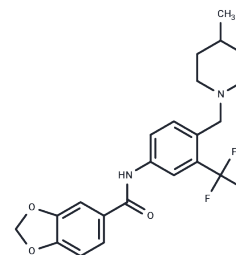


YL-1-9

Chemical Properties

CAS No. : 3064304-12-4
 Formula: C₂₂H₂₃F₃N₂O₃
 Molecular Weight: 420.425
 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	YL-1-9 is an inhibitor that prevents the degradation of p53 by MDM2 through tight binding to the crucial hydrophobic pocket of MDM2. It can induce cell cycle arrest and apoptosis in breast cancer cells [1].
Targets(IC50)	CDK,MDM-2/p53

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3785 mL	11.8926 mL	23.7852 mL
5 mM	0.4757 mL	2.3785 mL	4.757 mL
10 mM	0.2379 mL	1.1893 mL	2.3785 mL
50 mM	0.0476 mL	0.2379 mL	0.4757 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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