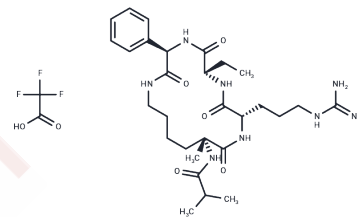


## MM-401 TFA

## Chemical Properties

CAS No. :	1442106-11-7
Formula:	C <sub>31</sub> H <sub>47</sub> F <sub>3</sub> N <sub>8</sub> O <sub>7</sub>
Molecular Weight:	700.75
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	MM-401 (TFA), an MLL1 H3K4 methyltransferase inhibitor, effectively impedes MLL1 activity (IC <sub>50</sub> = 0.32 μM) by preventing MLL1-WDR5 interaction. It can induce cell cycle arrest, apoptosis, and differentiation, offering potential for MLL leukemia research [1].
Targets(IC <sub>50</sub> )	Apoptosis,Others,Histone Methyltransferase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.427 mL	7.1352 mL	14.2704 mL
5 mM	0.2854 mL	1.427 mL	2.8541 mL
10 mM	0.1427 mL	0.7135 mL	1.427 mL
50 mM	0.0285 mL	0.1427 mL	0.2854 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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