

MP-1

Chemical Properties

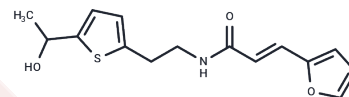
CAS No. : 2035018-15-4

Formula: C₁₅H₁₇N₃O₃

Molecular Weight: 291.37

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	MP-1 is a covalent inhibitor of fumarate hydratase (FH) that exhibits cytotoxicity dependent on FH. MP-1 engages a functional cysteine in the Zn-finger domain of the tRNA methyltransferase enzyme TRMT1.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.4321 mL	17.1603 mL	34.3206 mL
5 mM	0.6864 mL	3.4321 mL	6.8641 mL
10 mM	0.3432 mL	1.716 mL	3.4321 mL
50 mM	0.0686 mL	0.3432 mL	0.6864 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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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481