

FY-56

Chemical Properties

CAS No. :

Formula: C₂₃H₁₉FN₂O₃

Molecular Weight: 390.41

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	FY-56, a highly potent and selective inhibitor of LSD1/KDM1A with an IC ₅₀ value of 42 nM, demonstrates significant selectivity over MAO-A/B. This compound effectively induces differentiation in MOLM-13 and MV4-11 cells, showing promise for acute myeloid leukemia (AML) research [1].
Targets(IC ₅₀)	Histone Demethylase,Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5614 mL	12.807 mL	25.6141 mL
5 mM	0.5123 mL	2.5614 mL	5.1228 mL
10 mM	0.2561 mL	1.2807 mL	2.5614 mL
50 mM	0.0512 mL	0.2561 mL	0.5123 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

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481