

MS41

Chemical Properties

CAS No. : 2768610-97-3

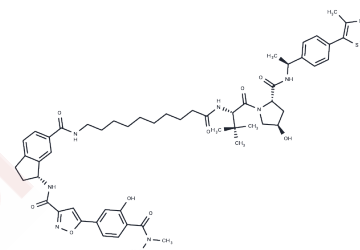
Formula: C56H70N8O9S

Molecular Weight: 1031.27

Keep away from direct sunlight

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	MS41 is a selective eleven-nineteen leukemia (ENL) PROTAC degrader, with DC50s values of 3.50 nM (MV4;11), 2.84 nM (SEMK2), 3.03 nM (Jurkat), and 26.58 nM (KASUMI1). This compound effectively inhibits the growth of ENL-dependent leukemia cells, induces G1 cell cycle arrest, and increases cellular apoptosis (Apoptosis). Additionally, MS41 reduces chromatin occupancy related to ENL-mediated transcription elongation mechanisms and suppresses the expression of oncogenes and the progression of leukemia.
Targets(IC50)	Apoptosis,Epigenetic Reader Domain,PROTACs

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9697 mL	4.8484 mL	9.6968 mL
5 mM	0.1939 mL	0.9697 mL	1.9394 mL
10 mM	0.097 mL	0.4848 mL	0.9697 mL
50 mM	0.0194 mL	0.097 mL	0.1939 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