

MS40

Chemical Properties

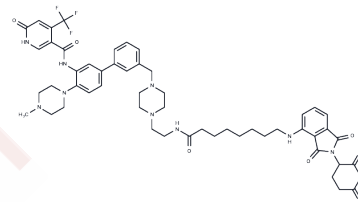
CAS No. : 2407449-49-2

Formula: C52H61F3N10O7

Molecular Weight: 995.1

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

MS40 is a WDR5 PROTAC that selectively degrades WDR5 and serves as a novel degrader for immune-modulating compounds (IMiDs), including the new substrates CRBN and Ikaros zinc finger (IKZF) transcription factors IKZF1 and IKZF3. MS40 facilitates the degradation of WDR5, resulting in the dissociation of the MLL/KMT2A complex from chromatin, thereby reducing H3K4me2 levels. In vitro, MS40 inhibits the growth of primary leukemia patient cells, and in vivo, it suppresses the expansion of patient-derived xenografts.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0049 mL	5.0246 mL	10.0492 mL
5 mM	0.201 mL	1.0049 mL	2.0098 mL
10 mM	0.1005 mL	0.5025 mL	1.0049 mL
50 mM	0.0201 mL	0.1005 mL	0.201 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