

PROTAC ALK degrader-5

Chemical Properties

CAS No. :	2379672-57-6
Formula:	C40H37N7O6
Molecular Weight:	711.78
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

Biological Description

Description	PROTACALK degrader-5 (Compound 17) is a potent ALKPROTAC degrader with activities of 27.4 nM against EML4-ALK and 116.5 nM against NPM-ALK. It exhibits strong antiproliferative effects on H3122 and Karpas 299 cell lines and effectively inhibits the phosphorylation of ALK and STAT3. This compound is applicable for studying ALK-driven malignancies, such as human non-small cell lung cancer and anaplastic large cell lymphoma.
Targets(IC50)	STAT,PROTACs

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4049 mL	7.0246 mL	14.0493 mL
5 mM	0.281 mL	1.4049 mL	2.8099 mL
10 mM	0.1405 mL	0.7025 mL	1.4049 mL
50 mM	0.0281 mL	0.1405 mL	0.281 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.

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