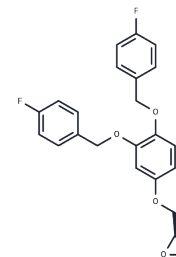


YT 6-2 analog-1

Chemical Properties

CAS No. :	2409960-12-7
Formula:	C23H20F2O4
Molecular Weight:	398.4
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	YT 6-2 analog-1 (compound 2-3) serves as an autophagy-targeting ligand (ATL) aimed at p62/SQSTM1, useful in synthesizing the AUTOTAC degrader ATC-324 for the Androgen Receptor (AR). ATC-324 promotes the formation of AR/p62 complexes, leading to the autophagic-lysosomal degradation of AR. It effectively reduces nuclear AR levels, downregulates the expression of AR and AR-v7 target genes, and can degrade common AR mutants found in prostate cancer (PCa).
Targets(IC50)	AUTACs,PROTACs

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.510 mL	12.5502 mL	25.1004 mL
5 mM	0.502 mL	2.510 mL	5.0201 mL
10 mM	0.251 mL	1.255 mL	2.510 mL
50 mM	0.0502 mL	0.251 mL	0.502 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