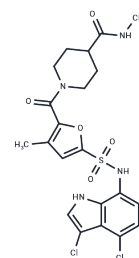


E3 ligase Ligand 24

Chemical Properties

CAS No. :	3038773-47-3
Formula:	C ₂₁ H ₂₂ Cl ₂ N ₄ O ₅ S
Molecular Weight:	513.39
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	E3ligaseLigand 24 (Compound 24) is a potent ligand for the E3 ligase DCAF15 with an IC ₅₀ of 0.053 μM. Due to its selectivity and strong binding properties, E3ligaseLigand 24 plays a crucial role in research focused on targeted protein degradation.
Targets(IC ₅₀)	Others
In vitro	E3 ligase Ligand 24, when applied at 5μM for 24 hours, effectively degrades BRD4 protein in HEK293 cells tagged with HiBiT, and this degradation occurs independently of DCAF15 mediation.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9478 mL	9.7392 mL	19.4784 mL
5 mM	0.3896 mL	1.9478 mL	3.8957 mL
10 mM	0.1948 mL	0.9739 mL	1.9478 mL
50 mM	0.039 mL	0.1948 mL	0.3896 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