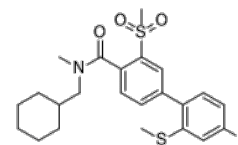


**Product Name** : HGC652  
**Cat. No.** : PC-24423  
**CAS No.** : 3055558-98-7  
**Molecular Formula** : C<sub>23</sub>H<sub>28</sub>FNO<sub>3</sub>S<sub>2</sub>  
**Molecular Weight** : 449.60  
**Target** : E3 Ligase Ligand  
**Solubility** : 10 mM in DMSO



CAS: 3055558-98-7

## Biological Activity

HGC652 is an E3 ubiquitin ligase **TRIM21**-dependent molecular glue degrader (TRIM21 K<sub>d</sub>=0.06 μM), induces TRIM21-NUP98 interaction and causes selective degradation of **nuclear pore complex** proteins.

HGC652 induced polyubiquitination of SmF-EGFP-SH3-NUP98APD and SmF-EGFP-PRM in CEBIT assays.

HGC652 also induced the formation of TRIM21-NUP98 complex as shown by the Strep-tag pull-down assays.

HGC652 demonstrated dose-dependent growth inhibition against 8 cancer cell lines with IC<sub>50</sub> of 0.106-0.822 μM.

## References

Li X, et al. *ACS Chem Biol*. 2025 Apr 18. doi: 10.1021/acscchembio.4c00833.

Patent WO2024179572 A1.

Li, X, et al. Chemically Induced Nuclear Pore Complex Protein Degradation via E3 Ligase TRIM21. bioRxiv 2024, DOI: 10.1101/2024.12.03.626577

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

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