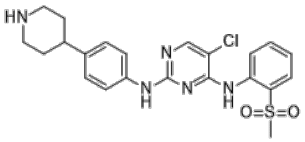
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Data Sheet

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Global Supplier of Chemical Probes, Inhibitors & Agonists.

Product Name	:	HF-125
Cat. No.	:	PC-26717
CAS No.	:	2816075-43-9
Molecular Formula	:	$C_{22}H_{24}ClN_5O_2S$
Molecular Weight	:	457.98
Target	:	Other Targets
Solubility	:	10 mM in DMSO



CAS: 2816075-43-9

Biological Activity

HF-125 is a potent, selective small molecule inhibitor of **Tribbles 2** (**TRIB2**), directly binds to destabilize and degrade TRIB2 proteins involving proteasomes and is effective both in vitro and in vivo.
HF-125 re-sensitizes enzalutamide-resistant prostate cancer cells.
HF-125 downregulates neuroendocrine markers and kills androgen-resistant neuroendocrine prostate cancer cells.
HF-125 decreases colony growth and triggers programmed cell death (apoptosis) in ERPC-NE cells.
HF-125 inhibits ERPC-NE tumor growth in SCID mice ERPC-NE cell line xenografts.
HF-125 synergizes with enzalutamide to inhibit prostate cancer cells.

References

Chowdhury SG, et al. ***bioRxiv*** [Preprint]. 2026 Apr 30:2026.04.27.720588.

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

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