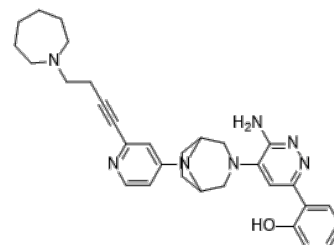


Product Name : G-6599
Cat. No. : PC-25679
CAS No. : 2901806-51-5
Molecular Formula : C₃₁H₃₇N₇O
Molecular Weight : 523.69
Target : PROTAC
Solubility : 10 mM in DMSO



CAS: 2901806-51-5

Biological Activity

G-6599 is a potent, specific small-molecule **SMARCA2/A4 PROTAC** degrader with DC50 of 17 pM and 57 pM respectively (SW1573 cells, 20 h, Dmax=95%), acting via the recruitment of FBXO22.

G-6599 is specific to SMARCA2/A4 and operates through the ubiquitin-proteasome pathway.

G-6599 induces cell growth inhibition comparable to A947 or FHD-286 based on studies in two SMARCA4-mutant models, NCI-H1944 and HCC515, with no effect on cell growth in NCI-H522 cells that lack SMARCA2/A4.

FBXO22 ligase activity is required for SMARCA2/A4 degradation.

G-6599 acts as a monovalent degrader by covalently targeting FBXO22.

References

Villemure E, et al. **Nat Commun.** 2025 Nov 3;16(1):9679.

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

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