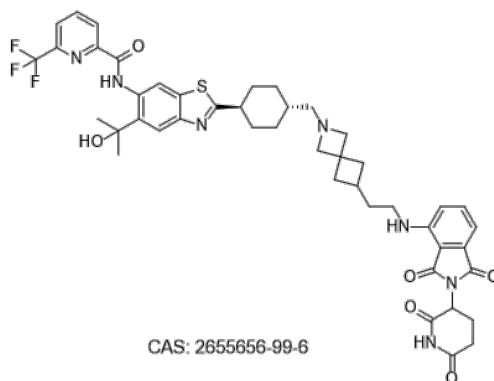


Product Name : KT-413
Cat. No. : PC-22767
CAS No. : 2655656-99-6
Molecular Formula : C₄₅H₄₈F₃N₇O₆S
Molecular Weight : 871.98
Target : PROTAC
Solubility : 10 mM in DMSO



Biological Activity

Zomiradomide (KT-413) is a potent **PROTAC** degrader of **IRAK4** and IMiD substrates, induces the potent degradation of IRAK4, Ikaros, and Aiolos with DC50 of 6 nM, 1 nM and 1 nM, respectively in OCI-Ly10 cells.

KT-413 induces the CRBN-mediated degradation of IRAK4, and to recruit and degrade the IMiD neosubstrates Ikaros and Aiolos.

KT-413 displays robust antiproliferative activity with IC50 of 11 nM against DLBCL cancer line OCI-Ly10.

KT-413 (3, 10, and 30 mg/kg, po, qd) causes complete tumor regression in MYD88 mutant ABC DLBCL model.

References

Weiss MM, et al. *J Med Chem.* 2024 Jul 11;67(13):10548-10566.

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

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