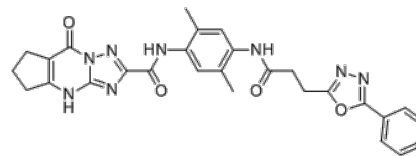


Product Name : PDZ1i
Cat. No. : PC-70287
CAS No. : 2083618-79-3
Molecular Formula : C₂₈H₂₆N₈O
Molecular Weight : 538.568
Target : Other Targets
Solubility : 10 mM in DMSO



Biological Activity

PDZ1i (113B7) is a specific inhibitor of **MDA-9/Syntenin** activity that inhibits MDA-9/Syntenin binding to EGFRvIII. PDZ1i (113B7) selectively binds with micromolar affinity to the PDZ1 domain of MDA-9/Syntenin, with no affinity for PDZ2 domain of MDA-9/Syntenin. PDZ1i (113B7) reduces invasion gains in GBM cells following radiation, inhibits crucial GBM signaling involving FAK and mutant EGFR, EGFRvIII, and abrogated gains in secreted proteases, MMP-2 and MMP-9, following radiation. PDZ1i (113B7) treatment results in smaller, less invasive tumors and enhanced survival in an in vivo glioma model.

References

Kegelman TP, et al. *Proc Natl Acad Sci U S A*. 2017 Jan 10;114(2):370-375.

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

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