Data Sheet

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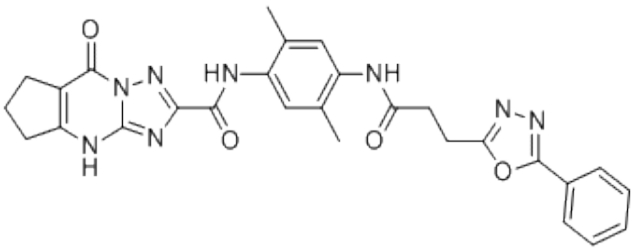
Global Supplier of Chemical Probes, Inhibitors & Agonists

Product Name	:PDZ1i
Cat.No.	:URK-V2231
CAS No.	:2083618-79-3
Molecular Formula	:$C_{28}H_{26}N_8O$
Molecular Weight	:538.568
Target	:
Solubility	:



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

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

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