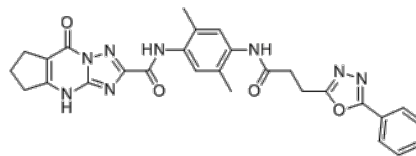


**Product Name** : PDZ1i  
**Cat. No.** : PC-70287  
**CAS No.** : 2083618-79-3  
**Molecular Formula** : C<sub>28</sub>H<sub>26</sub>N<sub>8</sub>O  
**Molecular Weight** : 538.568  
**Target** : Other Targets  
**Solubility** : 10 mM in DMSO



## 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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