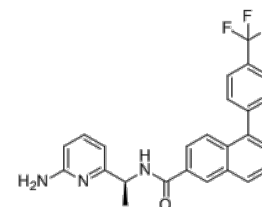


**Product Name** : VT107  
**Cat. No.** : PC-72507  
**CAS No.** : 2417718-63-7  
**Molecular Formula** : C<sub>25</sub>H<sub>20</sub>F<sub>3</sub>N<sub>3</sub>O  
**Molecular Weight** : 435.45  
**Target** : YAP-TEAD  
**Solubility** : 10 mM in DMSO



### Biological Activity

VT107 (VT-107) is a specific small molecule inhibitor of **YAP/TAZ-TEAD**-dependent transcription with IC<sub>50</sub> of 4.93 nM in YAP reporter assay, **pan-TEAD** palmitoylation inhibitor.

VT107 inhibited palmitoylation of both endogenous TEAD1, TEAD3, and TEAD4 proteins in cells.

VT107 decreased the levels of palmitoylated TEAD3 and TEAD4 and increased the levels of unpalmitoylated TEAD3 and TEAD4 in the human mesothelioma cell line NCI-H2373.

VT107 blocked YAP and TAZ interaction with both TEAD1 and TEAD4.

VT107 exhibited inhibitory activity in more mesothelioma cell lines than the TEAD1-selective inhibitor VT103.

### References

Tracy T Tang, et al. *Mol Cancer Ther.* 2021 Jun;20(6):986-998.

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

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