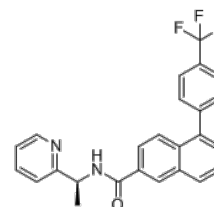


**Product Name** : VT104  
**Cat. No.** : PC-72508  
**CAS No.** : 2417718-25-1  
**Molecular Formula** : C<sub>25</sub>H<sub>19</sub>F<sub>3</sub>N<sub>2</sub>O  
**Molecular Weight** : 420.435  
**Target** : YAP-TEAD  
**Solubility** : 10 mM in DMSO



### Biological Activity

VT104 (VT-104) is a specific small molecule inhibitor of **YAP/TAZ-TEAD**-dependent transcription with IC<sub>50</sub> of 10.4 nM in YAP reporter assay, **pan-TEAD** palmitoylation inhibitor.

VT104 inhibited palmitoylation of both endogenous TEAD1, TEAD3 proteins in cells.

VT104 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. VT104 exhibited inhibitory activity in more mesothelioma cell lines than the TEAD1-selective inhibitor VT103.

VT104 (oral administration of 10 and 3 mg/kg) has very strong antitumor efficacy in the human mesothelioma NCI-H226 CDX model, with no effect on body weight gain.

### 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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