

Product Datasheet

VT-104

Catalog No. **BP-02359** · CAS **2417718-25-1** · Form **free base** · Physical state **other** · Color **White to off-white** · Version **1.0** · Revision **2026-09-10**

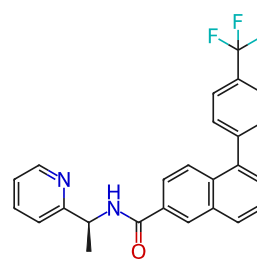
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Target YAP	Research area Cancer
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Molecular formula **C₂₅H₁₉F₃N₂O**

Molecular weight **420.4264**

STRUCTURE



DESCRIPTION

VT104 is a potent and orally active YAP/TAZ inhibitor. VT104 prevents palmitoylation of endogenous TEAD1 and TEAD3 proteins. VT104 can be used in research of cancer.

BIOLOGICAL ACTIVITY

In Vitro

VT104 (0-1000 nM) inhibits proliferation of NF2 mutant/defective cell line

In Vivo

VT104 (0.3-3 mg/kg; p.o.; NCI-H226-tumor bearing mice) blocks growth of NF2-deficient mesothelioma xenografts

SOLUBILITY

Soluble in DMSO

In vitro DMSO 100 mg/mL

REFERENCES

[1]. Tang TT, et, al. Small Molecule Inhibitors of TEAD Auto-palmitoylation Selectively Inhibit Proliferation and Tumor Growth of NF2-deficient Mesothelioma. Mol Cancer Ther. 2021 Jun;20(6):986-998.

[2]. Barry ER, et, al. Recent Therapeutic Approaches to Modulate the Hippo Pathway in Oncology and Regenerative Medicine. Cells. 2021 Oct 11;10(10):2715.