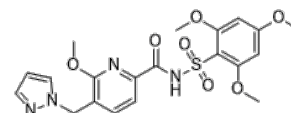


Product Name : OP-3136
Cat. No. : PC-26758
CAS No. : 3056105-63-3
Molecular Formula : C₂₀H₂₂N₄O₇S
Molecular Weight : 462.48
Target : Histone Acetyltransferase (HAT)
Solubility : 10 mM in DMSO

Cat# PC-26758



CAS: 3056105-63-3

Biological Activity

Omvitrastat (OP-3136, OP3136) is a potent, selective and orally bioavailable histone lysine acetyltransferase (**KAT6**, **KAT6A/B**) inhibitor, demonstrates robust anti-tumor activity in preclinical models of prostate cancer, ovarian cancer, and non-small cell lung cancer (NSCLC), both in vitro and in vivo.

OP-3136 decreases the proliferation of breast cancer cell lines in vitro and inhibits tumor growth in ZR-75-1 (KAT6-amplified ER+ BC cell line), T47D (KAT6-overexpressed ER+ BC cell line), and ST340 (ER+, HER2+ BC PDX cell line) mouse xenografts.

OP-3136 combined with complete estrogen receptor antagonists (CERANs) such as fulvestrant and palazestrant and/or with cyclin-dependent kinase 4/6 (CDK4/6) inhibitors such as ribociclib show strong synergistic effects.

References

Gopinath S. Palanisamy, et al. **Cancer Res** (2025) 85 (8_Supplement_2): LB166.

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

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