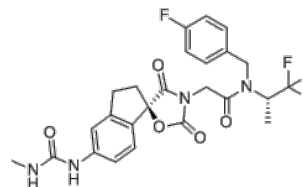


Product Name : A-485
Cat. No. : PC-60028
CAS No. : 1889279-16-6
Molecular Formula : C₂₅H₂₄F₄N₄O₅
Molecular Weight : 536.484
Target : Histone Acetyltransferase (HAT)
Solubility : 10 mM in DMSO



Biological Activity

A-485 (A485) is a potent, selective and, cell and in vivo active **p300/CBP catalytic inhibitor** with IC₅₀ of 9.8/2.6 nM; displays selectivity for p300/CBP over other HATs and histone methyltransferases in cells; dose-dependently decreases H3K27Ac in prostate adenocarcinoma PC-3 cells with EC₅₀ of 73 nM; selectively inhibits proliferation in lineage-specific tumour types; inhibits the AR transcriptional program in both androgen-sensitive and castration-resistant prostate cancer and inhibits tumour growth in a castration-resistant xenograft model.

References

Lasko LM, et al. *Nature*. 2017 Oct 5;550(7674):128-132.

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

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