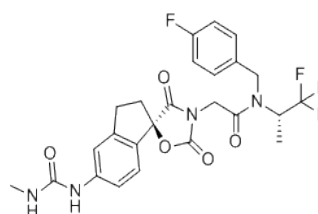


Data Sheet

WWW.UREIKO-CHEM.COM

Global Supplier of Chemical Probes, Inhibitors & Agonists

Product Name	:A-485
Cat.No.	:URK-V689
CAS No.	:1889279-16-6
Molecular Formula	:C ₂₅ H ₂₄ F ₄ N ₄ O ₅
Molecular Weight	:536.484
Target	:Histone Acetyltransferase(HAT)
Solubility	:10 nM 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.

A-485 displays selectivity for p300/CBP over other HATs and histone methyltransferases in cells.

A-485 dose-dependently decreases H3K27Ac in prostate adenocarcinoma PC-3 cells with EC₅₀ of 73 nM.

A-485 selectively inhibits proliferation in lineage-specific tumour types.

A-485 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

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

Note: All products of Ureiko are only used for scientific research or drug certificate declaration, we do not provide products and services for any personal use!

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

JACK@UREIKO-CHEM.COM