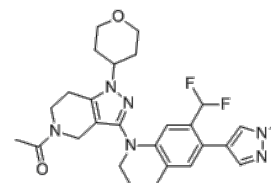


Product Name : GNE-049
Cat. No. : PC-61641
CAS No. : 1936421-41-8
Molecular Formula : C₂₇H₃₂F₂N₆O₂
Molecular Weight : 510.59
Target : Bromodomain
Solubility : 10 mM in DMSO



Biological Activity

GNE-049 (GNE049) is a potent, selective, orally available inhibitor of **CBP/p300 bromodomain** with biochemical IC₅₀ of 1.1/2.3 nM, respectively.

GNE-049 displays 3,850-fold selectivity over BRD4.

GNE-049 shows excellent potency (12 nM) in a BRET cellular assay and inhibits the expression of MYC with EC₅₀ of 14 nM in MV-4-11 cells.

GNE-049 demonstrates significant dose-dependent inhibition of AR signaling and PC proliferation in vitro and in vivo.

References

Jin L, et al. *Cancer Res.* 2017 Aug 17. pii: canres.0314.2017.

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

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