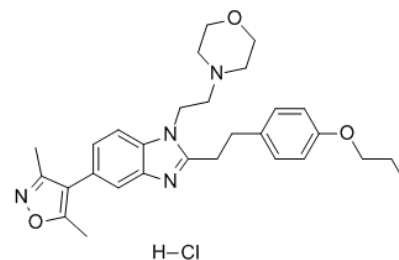


Product Name : PF-CBP1 hydrochloride
Cat. No. : PC-45780
CAS No. : 2070014-93-4
Molecular Formula : C₂₉H₃₇ClN₄O₃
Molecular Weight : 525.0821
Target : Bromodomain
Solubility : DMSO: ≥ 34 mg/mL



Biological Activity

PF-CBP1 hydrochloride is a potent, highly selective inhibitor of the **CBP** and **p300** bromodomains with IC₅₀ of 125 nM and 363 nM, respectively.

PF-CBP1 displays >100-fold selectivity for the bromodomain of CBP over those of BRD4 and a panel of other proteins.

PF-CBP1 reduces the expression of inflammatory cytokines by LPS-stimulated primary macrophages, also suppresses the expression of RGS4 in primary cortical neurons.

References

Chekler EL, et al. *Chem Biol.* 2015 Dec 17;22(12):1588-96.

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

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