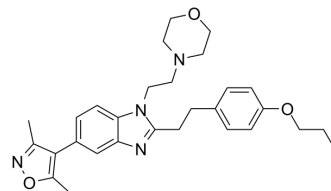


## PF-CBP1

Cat. No.:	HY-19999
CAS No.:	1962928-21-7
Molecular Formula:	C <sub>29</sub> H <sub>36</sub> N <sub>4</sub> O <sub>3</sub>
Molecular Weight:	488.62
Target:	Epigenetic Reader Domain
Pathway:	Epigenetics
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

Description	PF-CBP1 is a highly selective inhibitor of the CREB binding protein bromodomain <sup>[1]</sup> .
In Vitro	PF-CBP1 modulates key inflammatory genes in primary macrophages. PF-CBP1 downregulates RGS4 in neurons, a target linked to Parkinson's disease. PF-CBP1 is 139-fold selective over BRD4 in the biochemical assays and >105-fold selective by ITC. F-CBP1 is also a potent inhibitor of EP300 (a result observed for other CBP inhibitors <sup>[1]</sup> ). MCE has not independently confirmed the accuracy of these methods. They are for reference only.

## REFERENCES

[1]. Chekler EL, et al. Transcriptional Profiling of a Selective CREB Binding Protein Bromodomain Inhibitor Highlights Therapeutic Opportunities. Chem Biol. 2015 Dec 17;22(12):1588-96.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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