

**Product Name** : PF-CBP1

**Synonyms** : PF CBP1

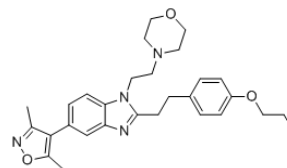
**Cat No.** : M13078

**CAS Number** : 1962928-21-7

**Molecular Formula** : C<sub>29</sub>H<sub>36</sub>N<sub>4</sub>O<sub>3</sub>

**Formula Weight** : 488.60

**Chemical Name** : 4-(2-(5-(3,5-dimethylisoxazol-4-yl)-2-(4-propoxyphenethyl)-1H-benzo[d]imidazol-1-yl)ethyl)morpholine



**Description** : A potent, highly selective CBP/p300 bromodomains inhibitor with IC<sub>50</sub> of 125 nM and 363 nM, respectively; displays >100-fold selectivity for the bromodomain of CBP over those of BRD4 and a panel of other proteins; reduces the expression of inflammatory cytokines by LPS-stimulated primary macrophages, also suppresses the expression of RGS4 in primary cortical neurons.

**Pathway** : Chromatin/Epigenetic

**Target** : Bromodomain

**Receptor** : CREB

**Solubility** : DMSO: 100 mg/mL ( < 1 mg/ml refers to the product slightly soluble or insoluble )

**SMILES** : CCCC1=CC=C(C=C1)CCC2=NC3=C(N2CCN4CCOCC4)C=CC(=C3)C5=C(ON=C5C)C

**Storage** : (-20°C)

**Stability** : ≥ 2 years

**Reference** :

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