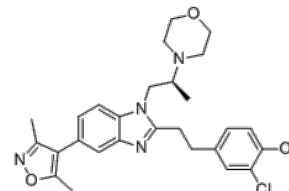


Product Name : SGC-CBP30
Cat. No. : PC-21302
CAS No. : 1613695-14-9
Molecular Formula : C₂₈H₃₃ClN₄O₃
Molecular Weight : 509.05
Target : Bromodomain
Solubility : 10 mM in DMSO



Biological Activity

SGC-CBP30 is a potent and highly selective CBP/p300 bromodomain inhibitor with K_d values of 21/32 nM, respectively. SGC-CBP30 shows 40-fold selectivity over the first bromodomain of BRD4 (BRD4 BD1). SGC-CBP30 displays synergistic effects with DDR1 inhibitors in pathogenic scores, airway goblet cell counts in bronchoalveolar lavage fluid (BALF), IL-4, IFN-γ, FN1COL1 A1 secretion and α-SMA. SGC-CBP30 reduces ZIKV-induced CCN1 up-regulation and ZIKV replication.

References

- Xiang Q, et al. *Eur J Med Chem.* 2018 Mar 10;147:238-252.
Sun J, et al. *Virulence.* 2020 Dec;11(1):113-131.

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

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