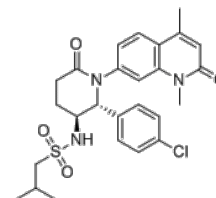


**Product Name** : LP99  
**Cat. No.** : PC-62299  
**CAS No.** : 1808951-93-0  
**Molecular Formula** : C<sub>26</sub>H<sub>30</sub>ClN<sub>3</sub>O<sub>4</sub>S  
**Molecular Weight** : 516.05  
**Target** : Bromodomain  
**Solubility** : 10 mM in DMSO



### Biological Activity

LP99 is the first potent and selective **BRD7/9 bromodomain** inhibitor with K<sub>d</sub> of 99 nM for BRD9.

LP99 inhibits IL-6 secretion from THP-1 cells in a dose-dependent manner.

LP99 decreases BRET for both BRD7 and BRD9 in both the H3.3 and H4 systems in a dose-dependent manner, with cellular IC<sub>50</sub> values in the low micromolar range for both histones.

### References

Clark PG, et al. *Angew Chem Weinheim Bergstr Ger.* 2015 May 18;127(21):6315-6319.

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

E-mail: tech@probechem.com