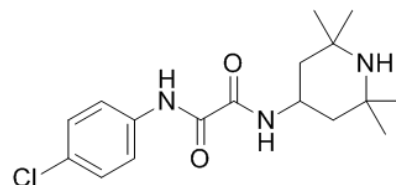


**Product Name** : NBD-556  
**Cat. No.** : PC-45973  
**CAS No.** : 333353-44-9  
**Molecular Formula** : C<sub>17</sub>H<sub>24</sub>ClN<sub>3</sub>O<sub>2</sub>  
**Molecular Weight** : 337.8444  
**Target** : HIV  
**Solubility** : 10 mM in DMSO



## Biological Activity

A potent HIV-1 entry inhibitor that blocks the gp120-CD4 interaction; inhibits the fusion between HIV-1NL4-3-luc pseudotyped virus expressing HIV-1HXB2 (X4-tropic) envelope and U87-T4-CXCR4 cells with IC<sub>50</sub> of 20 μM; inhibits the laboratory-adapted HIV-1 strains III<sub>B</sub>, MN, and V32 with IC<sub>50</sub> of 5-16 μM.

HIV Infection

Preclinical

## References

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Schön A, et al. Biochemistry. 2006 Sep 12;45(36):10973-80.

Curreli F, et al. Antimicrob Agents Chemother. 2014 Sep;58(9):5478-91.

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

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