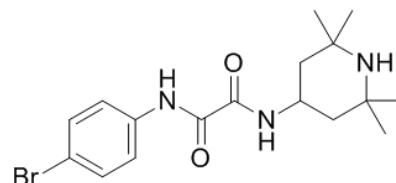


Product Name : NBD-557
Cat. No. : PC-45974
CAS No. : 333352-59-3
Molecular Formula : C₁₇H₂₄BrN₃O₂
Molecular Weight : 382.2953
Target : HIV
Solubility : 10 mM in DMSO



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 IC₅₀ of 9.7 μM; inhibits the laboratory-adapted HIV-1 strains III_B, MN, and V32 with IC₅₀ of 5-16 μM.

HIV Infection

Preclinical

References

Zhao Q, et al. Virology. 2005 Sep 1;339(2):213-25.

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!

E-mail: tech@probechem.com