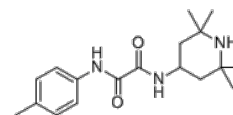


Product Name : YYA-021
Cat. No. : PC-62898
CAS No. : 144217-65-2
Molecular Formula : C₁₈H₂₇N₃O₂
Molecular Weight : 317.433
Target : HIV
Solubility : 10 mM in DMSO



Biological Activity

YYA-021 is a small-molecule CD4-mimic and **gp120-CD4** blocker that acts as a highly potent **HIV entry** inhibitor with IC₅₀ of 9 uM against YTA48P virus with no significant cytotoxicity.

YYA-021 shows wide tissue distribution and relatively high distribution volumes, and has promise for intravenous administration.

References

Hashimoto C, et al. Bioorg Med Chem. 2013 Dec 15;21(24):7884-9.

Otsuki H, et al. J Gen Virol. 2013 Dec;94(Pt 12):2710-6.

Narumi T, et al. Bioorg Med Chem. 2013 May 1;21(9):2518-26.

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

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