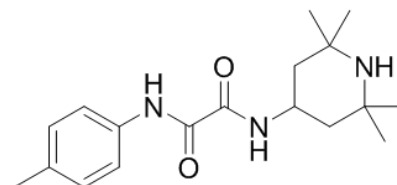


Product Name : YYA-021
Cat. No. : PC-42047
CAS No. : 144217-65-2
Molecular Formula : C₁₈H₂₇N₃O₂
Molecular Weight : 317.4259
Target : HIV
Solubility : 10 mM in DMSO



Biological Activity

A small-molecule CD4 mimic that acts as a highly potent HIV entry inhibitor with IC₅₀ of 9 μM against YTA48P virus with no significant cytotoxicity; 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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