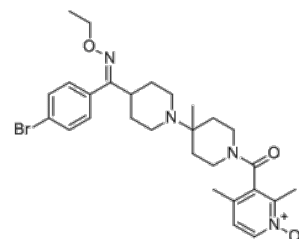


Product Name : SCH 351125
Cat. No. : PC-70235
CAS No. : 370893-06-4
Molecular Formula : C₂₈H₃₇BrN₄O₃
Molecular Weight : 557.533
Target : HIV
Solubility : 10 mM in DMSO



Biological Activity

SCH 351125 (Ancriviroc) is a small molecule inhibitor of **HIV-1 entry** via the **CCR5** coreceptor.

SCH 351125 (Ancriviroc) specifically inhibits HIV-1 infection mediated by CCR5 in U-87 astrogloma cells but has no effect on infection of CXCR4-expressing cells.

SCH 351125 (Ancriviroc) has broad and potent antiviral activity in vitro against primary HIV-1 isolates with IC50 of 0.4-9 nM.

SCH 351125 (Ancriviroc) strongly inhibits the replication of an R5-using HIV-1 isolate in SCID-hu Thy/Liv mice; has a favorable pharmacokinetic profile and orally bioavailable.

References

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Palani A, et al. *J Med Chem*. 2001 Oct 11;44(21):3339-42.

Tremblay CL, et al. *Antimicrob Agents Chemother*. 2002 May;46(5):1336-9.

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

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