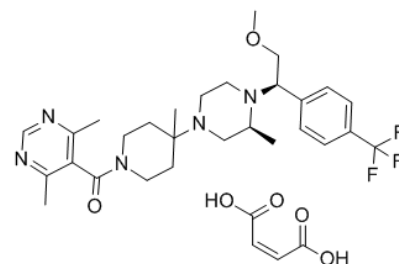


Product Name : Vicriviroc maleate
Cat. No. : PC-45199
CAS No. : 599179-03-0
Molecular Formula : C₃₂H₄₂F₃N₅O₆
Molecular Weight : 649.701
Target : Chemokine Receptor (CCR and CXCR)
Solubility : 10 mM in DMSO



Biological Activity

Vicriviroc maleate (SCH417690) is a potent, highly selective, and orally bioavailable **CCR5** antagonist with K_i of 2.5 nM. Vicriviroc maleate (SCH417690) display no affinity for muscarinic receptors (K_i > 10 μM). Vicriviroc maleate (SCH417690) inhibits HIV-1 entry into U-80 cells with IC₅₀ of 0.8 nM, inhibits HIV-1 clinical isolates in PBMC with IC₉₀ of 1-10 nM. Vicriviroc maleate (SCH417690) exhibits excellent receptor selectivity and oral bioavailability in rats and monkeys.

References

- Tagat JR, et al. *J Med Chem*. 2004 May 6;47(10):2405-8.
Marozsan AJ, et al. *Virology*. 2005 Jul 20;338(1):182-99.
Strizki JM, et al. *Antimicrob Agents Chemother*. 2005 Dec;49(12):4911-9.

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

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